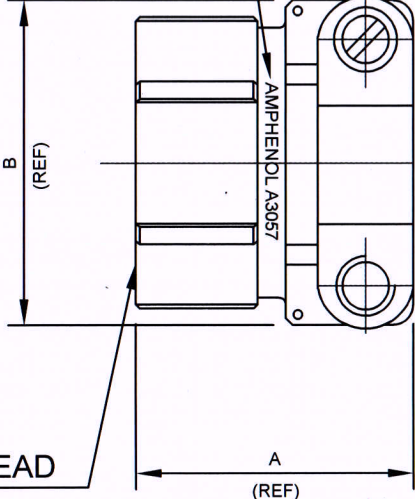
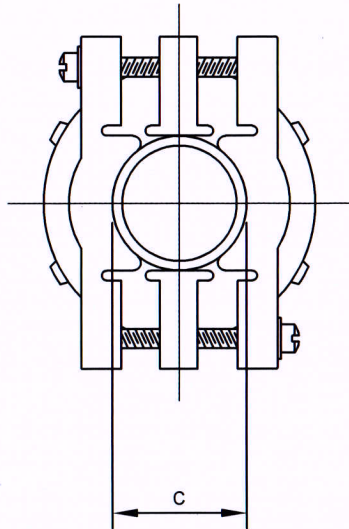
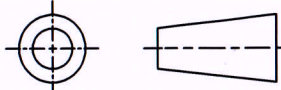


| 1                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2              |                                                                                                                                                                                                                                               | 3                                                                                 |                 | 4                                                       |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|---------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------|------------------|-------------------|---------------|----------------------------------------------------------------------------------------|----------|-------|----------------------------|------|--------|----|-----------|----------|-------|-------|------|--------|----|-----------|----------|-------|-------|-------|--------|----|-----------|----------|-------|-------|-------|--------|----|------------|-----------|-------|-------|-------|------|-------|------------|-----------|-------|-------|-------|-----------|-------|------------|-----------|-------|-------|-------|-----------|----|------------|-----------|-------|-------|-------|----------|----|------------|-----------|-------|-------|-------|------|----|------------|-----------|-------|-------|-------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------|--|--|-------|---|-------|-------------------|--|--|-------------|--|--|--------|--|--|
| A                 | <b>WARNING</b><br>All Drawings and Specifications are and remain our Property and must be returned to us. All Specifications and Drawings are confidential and are not to be disclosed to any persons other than those to whom they are sent. Unauthorised reproduction in any form of this Drawing in part or full is prohibited.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                                                                                                                                                                                                                                               | Issue No.                                                                         | Eng. Ref. No.   | REVISIONS                                               | Date                                                                                  | App. By             |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               | 01                                                                                | --              | ORIGINAL                                                | 11/01/24                                                                              | SPK                 |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               | 02                                                                                | 3949<br>2946    | REVISED                                                 | 23/01/24                                                                              | Kabon               |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| B                 | MARK THE PART NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                                                                                                                                                                                                                                               |  |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| C                 | V-THREAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | TABLE-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                                                                                                                                                                                                                                               | PART NUMBER DEVELOPMENT                                                           |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| D                 | <table border="1"><thead><tr><th>SHELL SIZE</th><th>REF. PART CODE</th><th>AIPL PART CODE</th><th>'A' ±0.2</th><th>'B' ±0.2</th><th>'C'</th><th>'V'-THD</th></tr></thead><tbody><tr><td>8</td><td>MS3057-3A</td><td>A3057-3A</td><td>20.80</td><td>20.60</td><td>6.35</td><td>1/2-28</td></tr><tr><td>10</td><td>MS3057-4A</td><td>A3057-4A</td><td>20.30</td><td>23.30</td><td>7.93</td><td>5/8-24</td></tr><tr><td>14</td><td>MS3057-6A</td><td>A3057-6A</td><td>22.50</td><td>27.00</td><td>11.12</td><td>3/4-20</td></tr><tr><td>16</td><td>MS3057-8A</td><td>A3057-8A</td><td>24.40</td><td>28.90</td><td>14.27</td><td>7/8-20</td></tr><tr><td>18</td><td>MS3057-10A</td><td>A3057-10A</td><td>23.70</td><td>32.20</td><td>15.87</td><td>1-20</td></tr><tr><td>20,22</td><td>MS3057-12A</td><td>A3057-12A</td><td>23.60</td><td>37.80</td><td>19.05</td><td>1 3/16-18</td></tr><tr><td>24,28</td><td>MS3057-16A</td><td>A3057-16A</td><td>26.00</td><td>43.40</td><td>23.82</td><td>1 7/16-18</td></tr><tr><td>32</td><td>MS3057-20A</td><td>A3057-20A</td><td>27.70</td><td>52.10</td><td>31.75</td><td>1 3/4-18</td></tr><tr><td>36</td><td>MS3057-24A</td><td>A3057-24A</td><td>29.20</td><td>57.30</td><td>34.92</td><td>2-18</td></tr><tr><td>40</td><td>MS3057-28A</td><td>A3057-28A</td><td>42.70</td><td>68.30</td><td>41.27</td><td>2 1/4-16</td></tr></tbody></table> |                |                                                                                                                                                                                                                                               | SHELL SIZE                                                                        | REF. PART CODE  | AIPL PART CODE                                          | 'A' ±0.2                                                                              | 'B' ±0.2            | 'C'              | 'V'-THD           | 8             | MS3057-3A                                                                              | A3057-3A | 20.80 | 20.60                      | 6.35 | 1/2-28 | 10 | MS3057-4A | A3057-4A | 20.30 | 23.30 | 7.93 | 5/8-24 | 14 | MS3057-6A | A3057-6A | 22.50 | 27.00 | 11.12 | 3/4-20 | 16 | MS3057-8A | A3057-8A | 24.40 | 28.90 | 14.27 | 7/8-20 | 18 | MS3057-10A | A3057-10A | 23.70 | 32.20 | 15.87 | 1-20 | 20,22 | MS3057-12A | A3057-12A | 23.60 | 37.80 | 19.05 | 1 3/16-18 | 24,28 | MS3057-16A | A3057-16A | 26.00 | 43.40 | 23.82 | 1 7/16-18 | 32 | MS3057-20A | A3057-20A | 27.70 | 52.10 | 31.75 | 1 3/4-18 | 36 | MS3057-24A | A3057-24A | 29.20 | 57.30 | 34.92 | 2-18 | 40 | MS3057-28A | A3057-28A | 42.70 | 68.30 | 41.27 | 2 1/4-16 | <table border="1"><thead><tr><th colspan="3">PART NUMBER DEVELOPMENT</th></tr><tr><td>A3057</td><td>-</td><td>4A XX</td></tr><tr><td>BASIC PART NUMBER</td><td></td><td></td></tr><tr><td>DASH NUMBER</td><td></td><td></td></tr><tr><td>FINISH</td><td></td><td></td></tr></thead></table> |  |  |  | PART NUMBER DEVELOPMENT |  |  | A3057 | - | 4A XX | BASIC PART NUMBER |  |  | DASH NUMBER |  |  | FINISH |  |  |
|                   | SHELL SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | REF. PART CODE | AIPL PART CODE                                                                                                                                                                                                                                | 'A' ±0.2                                                                          | 'B' ±0.2        | 'C'                                                     | 'V'-THD                                                                               |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MS3057-3A      | A3057-3A                                                                                                                                                                                                                                      | 20.80                                                                             | 20.60           | 6.35                                                    | 1/2-28                                                                                |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-4A      | A3057-4A                                                                                                                                                                                                                                      | 20.30                                                                             | 23.30           | 7.93                                                    | 5/8-24                                                                                |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-6A      | A3057-6A                                                                                                                                                                                                                                      | 22.50                                                                             | 27.00           | 11.12                                                   | 3/4-20                                                                                |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-8A      | A3057-8A                                                                                                                                                                                                                                      | 24.40                                                                             | 28.90           | 14.27                                                   | 7/8-20                                                                                |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-10A     | A3057-10A                                                                                                                                                                                                                                     | 23.70                                                                             | 32.20           | 15.87                                                   | 1-20                                                                                  |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 20,22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MS3057-12A     | A3057-12A                                                                                                                                                                                                                                     | 23.60                                                                             | 37.80           | 19.05                                                   | 1 3/16-18                                                                             |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 24,28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MS3057-16A     | A3057-16A                                                                                                                                                                                                                                     | 26.00                                                                             | 43.40           | 23.82                                                   | 1 7/16-18                                                                             |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-20A     | A3057-20A                                                                                                                                                                                                                                     | 27.70                                                                             | 52.10           | 31.75                                                   | 1 3/4-18                                                                              |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-24A     | A3057-24A                                                                                                                                                                                                                                     | 29.20                                                                             | 57.30           | 34.92                                                   | 2-18                                                                                  |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MS3057-28A     | A3057-28A                                                                                                                                                                                                                                     | 42.70                                                                             | 68.30           | 41.27                                                   | 2 1/4-16                                                                              |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | PART NUMBER DEVELOPMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
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| BASIC PART NUMBER |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| DASH NUMBER       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| FINISH            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | REF.PART CODE :                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | <table border="1"><tbody><tr><td>1) MS3057-3A-624</td><td rowspan="3">ROHS COMPLIANT</td></tr><tr><td>2) MS3057-4A-622</td></tr><tr><td>3) MS3057-12A-A23</td></tr><tr><td>4) MS3057-16A</td><td>NON-ROHS COMPLIANT</td></tr></tbody></table> |                                                                                   |                 |                                                         | 1) MS3057-3A-624                                                                      | ROHS COMPLIANT      | 2) MS3057-4A-622 | 3) MS3057-12A-A23 | 4) MS3057-16A | NON-ROHS COMPLIANT                                                                     |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| 1) MS3057-3A-624  | ROHS COMPLIANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| 2) MS3057-4A-622  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| 3) MS3057-12A-A23 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| 4) MS3057-16A     | NON-ROHS COMPLIANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| E                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               | 04                                                                                | WITH OUT SUFFIX | CADMIUM PLATING                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                                                                                                                                                                                                               | 03                                                                                | 624             | CAD.FREE ZINC COBALT BLACK                              |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
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| F                 | <table border="1"><thead><tr><th>NAME</th><th>DATE</th></tr></thead><tbody><tr><td>Drawn by NANDA</td><td>11/01/24</td></tr><tr><td>Checked by P. Jeyan</td><td>23/01/24</td></tr><tr><td>App. by Kabon</td><td>23/01/24</td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |                                                                                                                                                                                                                                               | NAME                                                                              | DATE            | Drawn by NANDA                                          | 11/01/24                                                                              | Checked by P. Jeyan | 23/01/24         | App. by Kabon     | 23/01/24      | <b>Amphenol</b><br><b>Amphenol Interconnect India Pvt. Ltd.</b><br>BANGALORE - 560 100 |          |       | Mat.Spec.<br>MATERIAL SPEC |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DATE           |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | Drawn by NANDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11/01/24       |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | Checked by P. Jeyan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 23/01/24       |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | App. by Kabon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 23/01/24       |                                                                                                                                                                                                                                               |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   | TOLERANCES:<br>DECIMALS : ±0.10<br>ANGLES : ±1°<br>Scale:- N.T.S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |                                                                                                                                                                                                                                               | TITLE: OUT LINE DWG<br>FOR A3057-XXA                                              |                 |                                                         |  |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
| SURFACE AREA: N/A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | Dwg.No. B76319                                                                                                                                                                                                                                |                                                                                   |                 |                                                         |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                | QF-DEV-83 REV.NO. :03                                                                                                                                                                                                                         |                                                                                   |                 | All Dimensions are in<br>MM/INCHES<br>Sheet : SHEET_NO. |                                                                                       |                     |                  |                   |               |                                                                                        |          |       |                            |      |        |    |           |          |       |       |      |        |    |           |          |       |       |       |        |    |           |          |       |       |       |        |    |            |           |       |       |       |      |       |            |           |       |       |       |           |       |            |           |       |       |       |           |    |            |           |       |       |       |          |    |            |           |       |       |       |      |    |            |           |       |       |       |          |                                                                                                                                                                                                                                                                                             |  |  |  |                         |  |  |       |   |       |                   |  |  |             |  |  |        |  |  |