

| CAPACITANCE |           | 3 dB MAX<br>CUTOFF<br>FREQ (MHz) | DIELECTRIC<br>WITHSTANDING<br>VOLTAGE | CONTACT<br>RATING | CONTACT<br>RESISTANCE | WORKING VOLTAGE DC | MINIMUM INSERTION LOSS (dB) |        |        |        |         |         |         |       |
|-------------|-----------|----------------------------------|---------------------------------------|-------------------|-----------------------|--------------------|-----------------------------|--------|--------|--------|---------|---------|---------|-------|
| VALUE       | TOLERANCE |                                  |                                       |                   |                       | -55°C TO +125°C    | 5 MHz                       | 10 MHz | 20 MHz | 50 MHz | 100 MHz | 200 MHz | 500 MHz | 1 GHz |
| 1000pF      | +150%/-0% | 3.2                              | 300V                                  | 5A                | 10 MILLIOHMS<br>MAX   | 100V               | -                           | 3      | 8      | 17     | 27      | 39      | 58      | 70    |
| 100pF       | +100%/-0% | 32                               | 300V                                  |                   |                       | 100V               | -                           | -      | -      | 2      | 5       | 8       | 16      | 33    |
| 2500pF      | +100%/-0% | 1.3                              | 150V                                  |                   |                       | 50V                | 6                           | 10     | 15     | 30     | 42      | 55      | 70      | 70    |
| 4000pF      | +100%/-0% | 0.8                              | 150V                                  |                   |                       | 50V                | 8                           | 13     | 20     | 37     | 50      | 64      | 70      | 70    |

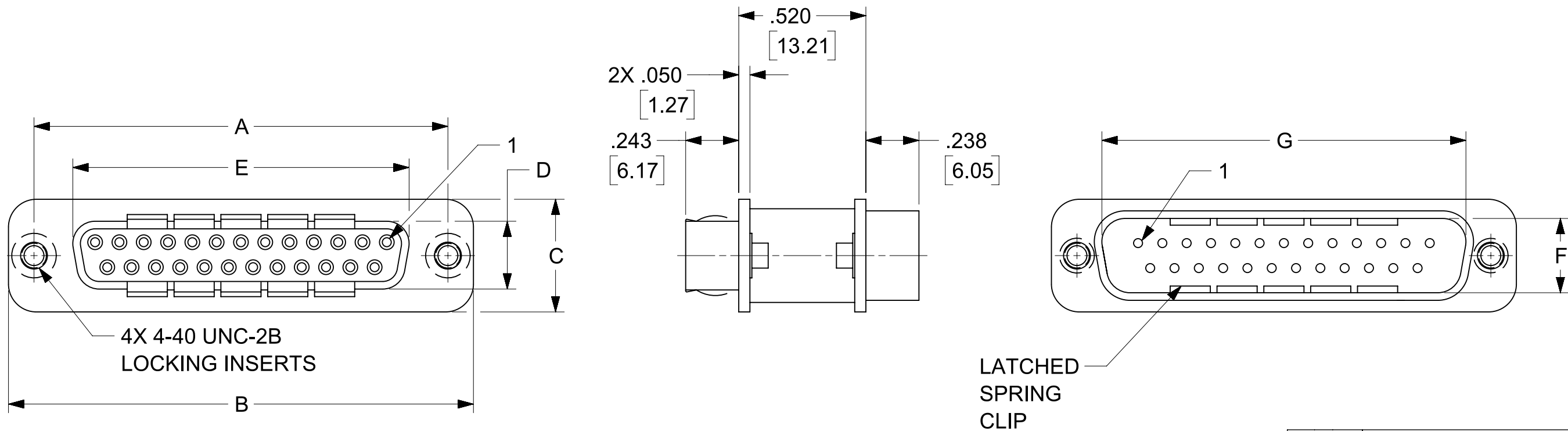


|                                                                                                                                                          |                                          |            |       |                      |                            |                 |                                                                    |              |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|-------|----------------------|----------------------------|-----------------|--------------------------------------------------------------------|--------------|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION            |                                          |            |       |                      |                            |                 |                                                                    |              |  |  |  |
| <div>FUNCTIONAL SYMBOLS</div> <div><div>F<sub>A</sub>= 0</div><div>F<sub>C</sub>= 0</div><div>F<sub>P</sub>= 0</div></div> <div>DIVISIONAL SYMBOLS</div> | DIMENSION UNITS                          |            | SCALE |                      | CURRENT REV DESC: RELEASED |                 | <div>molex</div> <div>Pi FILTERED PLUG/SOCKET D-SUB ADAPTERS</div> |              |  |  |  |
|                                                                                                                                                          | INCH/mm                                  |            | NTS   |                      |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            |       |                      |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          |                                          | MM         | INCH  |                      |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | 4 PLACES                                 |            | ±     | ±                    |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | 3 PLACES                                 |            | ±     | ±                    |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | 2 PLACES                                 |            | ±     | ±                    |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | 1 PLACE                                  |            | ±     | ±                    |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | 0 PLACES                                 |            | ±     | ±                    |                            |                 |                                                                    |              |  |  |  |
|                                                                                                                                                          | ANGULAR TOL                              |            | ±     | 0.5°                 | STATUS: Production         |                 | PRODUCT CUSTOMER DRAWING                                           |              |  |  |  |
| DRWN: Kevin Tagan                                                                                                                                        |                                          | 2024-06-18 |       | DRWN: Kevin Tagan    |                            | 2024-06-18      |                                                                    |              |  |  |  |
| CHK'D: Les Meier                                                                                                                                         |                                          | 2024-06-19 |       | CHK'D: Les Meier     |                            | 2024-06-19      |                                                                    |              |  |  |  |
| APPR: James Borrelli                                                                                                                                     |                                          | 2024-06-20 |       | APPR: James Borrelli |                            | 2024-06-20      |                                                                    | 2024-06-20   |  |  |  |
| THIRD ANGLE PROJECTION                                                                                                                                   |                                          | DRAWING    |       | SERIES               |                            | MATERIAL NUMBER |                                                                    | CUSTOMER     |  |  |  |
|                                                                                                                                                          |                                          | C-SIZE     |       | 73284                |                            | SEE TABLE       |                                                                    |              |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                               |                                          |            |       |                      |                            |                 |                                                                    | SHEET NUMBER |  |  |  |
|                                                                                                                                                          |                                          |            |       |                      |                            |                 |                                                                    | 1 OF 2       |  |  |  |

| MOLEX P/N  | # OF POSITIONS | DESCRIPTION                          | RoHS SOLDER | CAPACITANCE VALUE |
|------------|----------------|--------------------------------------|-------------|-------------------|
| 0732842010 | 9              | 9 PIN PLUG-SOCKET 1000pF Pi ADAPTER  | YES         | 1000pF            |
| 0732842011 | 9              | 9 PIN PLUG-SOCKET 1000pF Pi ADAPTER  | NO          | 1000pF            |
| 0732842020 | 9              | 9 PIN PLUG-SOCKET 100pF Pi ADAPTER   | YES         | 100pF             |
| 0732842021 | 9              | 9 PIN PLUG-SOCKET 100pF Pi ADAPTER   | NO          | 100pF             |
| 0732842030 | 9              | 9 PIN PLUG-SOCKET 2500pF Pi ADAPTER  | YES         | 2500pF            |
| 0732842031 | 9              | 9 PIN PLUG-SOCKET 2500pF Pi ADAPTER  | NO          | 2500pF            |
| 0732842040 | 9              | 9 PIN PLUG-SOCKET 4000pF Pi ADAPTER  | YES         | 4000pF            |
| 0732842041 | 9              | 9 PIN PLUG-SOCKET 4000pF Pi ADAPTER  | NO          | 4000pF            |
| 0732842050 | 15             | 15 PIN PLUG-SOCKET 1000pF Pi ADAPTER | YES         | 1000pF            |
| 0732842051 | 15             | 15 PIN PLUG-SOCKET 1000pF Pi ADAPTER | NO          | 1000pF            |
| 0732842060 | 15             | 15 PIN PLUG-SOCKET 100pF Pi ADAPTER  | YES         | 100pF             |
| 0732842061 | 15             | 15 PIN PLUG-SOCKET 100pF Pi ADAPTER  | NO          | 100pF             |
| 0732842070 | 15             | 15 PIN PLUG-SOCKET 2500pF Pi ADAPTER | YES         | 2500pF            |
| 0732842071 | 15             | 15 PIN PLUG-SOCKET 2500pF Pi ADAPTER | NO          | 2500pF            |
| 0732842080 | 15             | 15 PIN PLUG-SOCKET 4000pF Pi ADAPTER | YES         | 4000pF            |
| 0732842081 | 15             | 15 PIN PLUG-SOCKET 4000pF Pi ADAPTER | NO          | 4000pF            |
| 0732842090 | 25             | 25 PIN PLUG-SOCKET 1000pF Pi ADAPTER | YES         | 1000pF            |
| 0732842091 | 25             | 25 PIN PLUG-SOCKET 1000pF Pi ADAPTER | NO          | 1000pF            |
| 0732842100 | 25             | 25 PIN PLUG-SOCKET 100pF Pi ADAPTER  | YES         | 100pF             |
| 0732842101 | 25             | 25 PIN PLUG-SOCKET 100pF Pi ADAPTER  | NO          | 100pF             |

| MOLEX P/N  | # OF POSITIONS | DESCRIPTION                          | RoHS SOLDER | CAPACITANCE VALUE |
|------------|----------------|--------------------------------------|-------------|-------------------|
| 0732842110 | 25             | 25 PIN PLUG-SOCKET 2500pF Pi ADAPTER | YES         | 2500pF            |
| 0732842111 | 25             | 25 PIN PLUG-SOCKET 2500pF Pi ADAPTER | NO          | 2500pF            |
| 0732842120 | 25             | 25 PIN PLUG-SOCKET 4000pF Pi ADAPTER | YES         | 4000pF            |
| 0732842121 | 25             | 25 PIN PLUG-SOCKET 4000pF Pi ADAPTER | NO          | 4000pF            |
| 0732842130 | 37             | 37 PIN PLUG-SOCKET 1000pF Pi ADAPTER | YES         | 1000pF            |
| 0732842131 | 37             | 37 PIN PLUG-SOCKET 1000pF Pi ADAPTER | NO          | 1000pF            |
| 0732842140 | 37             | 37 PIN PLUG-SOCKET 100pF Pi ADAPTER  | YES         | 100pF             |
| 0732842141 | 37             | 37 PIN PLUG-SOCKET 100pF Pi ADAPTER  | NO          | 100pF             |
| 0732842150 | 37             | 37 PIN PLUG-SOCKET 2500pF Pi ADAPTER | YES         | 2500pF            |
| 0732842151 | 37             | 37 PIN PLUG-SOCKET 2500pF Pi ADAPTER | NO          | 2500pF            |
| 0732842160 | 37             | 37 PIN PLUG-SOCKET 4000pF Pi ADAPTER | YES         | 4000pF            |
| 0732842161 | 37             | 37 PIN PLUG-SOCKET 4000pF Pi ADAPTER | NO          | 4000pF            |
| 0732842170 | 50             | 50 PIN PLUG-SOCKET 1000pF Pi ADAPTER | YES         | 1000pF            |
| 0732842171 | 50             | 50 PIN PLUG-SOCKET 1000pF Pi ADAPTER | NO          | 1000pF            |
| 0732842180 | 50             | 50 PIN PLUG-SOCKET 100pF Pi ADAPTER  | YES         | 100pF             |
| 0732842181 | 50             | 50 PIN PLUG-SOCKET 100pF Pi ADAPTER  | NO          | 100pF             |
| 0732842190 | 50             | 50 PIN PLUG-SOCKET 2500pF Pi ADAPTER | YES         | 2500pF            |
| 0732842191 | 50             | 50 PIN PLUG-SOCKET 2500pF Pi ADAPTER | NO          | 2500pF            |
| 0732842200 | 50             | 50 PIN PLUG-SOCKET 4000pF Pi ADAPTER | YES         | 4000pF            |
| 0732842201 | 50             | 50 PIN PLUG-SOCKET 4000pF Pi ADAPTER | NO          | 4000pF            |

| CAPACITANCE |           | 3 dB MAX CUTOFF FREQ (MHz) | DIELECTRIC WITHSTANDING VOLTAGE | CONTACT RATING | CONTACT RESISTANCE | WORKING VOLTAGE DC | MINIMUM INSERTION LOSS (dB) |        |        |        |         |         |         |       |
|-------------|-----------|----------------------------|---------------------------------|----------------|--------------------|--------------------|-----------------------------|--------|--------|--------|---------|---------|---------|-------|
| VALUE       | TOLERANCE |                            |                                 |                |                    | -55°C TO +125°C    | 5 MHz                       | 10 MHz | 20 MHz | 50 MHz | 100 MHz | 200 MHz | 500 MHz | 1 GHz |
| 1000pF      | +150%/-0% | 3.2                        | 300V                            | 5A             | 10 MILLIOHMS MAX   | 100V               | -                           | 3      | 8      | 17     | 27      | 39      | 58      | 70    |
| 100pF       | +100%/-0% | 32                         | 300V                            |                |                    | 100V               | -                           | -      | -      | 2      | 5       | 8       | 16      | 33    |
| 2500pF      | +100%/-0% | 1.3                        | 150V                            |                |                    | 50V                | 6                           | 10     | 15     | 30     | 42      | 55      | 70      | 70    |
| 4000pF      | +100%/-0% | 0.8                        | 150V                            |                |                    | 50V                | 8                           | 13     | 20     | 37     | 50      | 64      | 70      | 70    |



NOTES:

1. MATERIALS AND PLATING:  
SHELL: NICKEL PLATED ZINC  
INSULATORS: GLASS FILLED POLYESTER, UL94V-0  
CONTACTS: COPPER ALLOY,  
.000030" GOLD IN SOCKET CONTACT MATING AREAS  
.000015" GOLD IN PLUG CONTACT MATING AREAS  
SPRING CLIPS: TIN PLATED BERYLLIUM COPPER
2. FOR RECOMMENDED PANEL CUTOUT DIMENSIONS SEE  
PS-732840000

| POSITIONS | A             | B             | C            | D            | E             | F            | G             |
|-----------|---------------|---------------|--------------|--------------|---------------|--------------|---------------|
| 9         | .984 [24.99]  | 1.213 [30.81] | .505 [12.83] | .304 [7.72]  | .640 [16.26]  | .333 [8.46]  | .666 [16.92]  |
| 15        | 1.312 [33.32] | 1.541 [39.14] | .505 [12.83] | .304 [7.72]  | 9.68 [24.59]  | .333 [8.46]  | .994 [25.25]  |
| 25        | 1.852 [47.04] | 2.088 [53.04] | .505 [12.83] | .304 [7.72]  | 1.508 [38.30] | .333 [8.46]  | 1.534 [38.96] |
| 37        | 2.500 [63.50] | 2.729 [69.32] | .505 [12.83] | .304 [7.72]  | 2.156 [54.76] | .333 [8.46]  | 2.182 [55.42] |
| 50        | 2.406 [61.11] | 2.635 [66.93] | .615 [15.62] | .416 [10.57] | 2.062 [52.37] | .440 [11.18] | 2.079 [52.81] |

|                                                                                                                                               |                                       |          |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|----------|------------------------|----------------------------|---------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|-----------------|----------|----------|----------|-----------|-----|-----|---|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |          |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
| FUNCTIONAL SYMBOLS                                                                                                                            | DIMENSION UNITS                       |          | SCALE    |                        | CURRENT REV DESC: RELEASED |         |            | <div>molex</div> <div>Pi FILTERED PLUG/SOCKET D-SUB ADAPTERS</div> <div>PRODUCT CUSTOMER DRAWING</div> <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>732841810</td><td>PSD</td><td>000</td><td>A</td></tr></table> |  |                 |  | DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION | 732841810 | PSD | 000 | A |
|                                                                                                                                               | DOCUMENT NUMBER                       | DOC TYPE | DOC PART | REVISION               |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | 732841810                             | PSD      | 000      | A                      |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | INCH/mm                               |          | NTS      |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |          |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | MM                                    | INCH     |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
| DIVISIONAL SYMBOLS                                                                                                                            | 4 PLACES                              | ±        | ±        |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | 3 PLACES                              | ±        | ±        |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | 2 PLACES                              | ±        | ±        |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | 1 PLACE                               | ±        | ±        |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               | 0 PLACES                              | ±        | ±        |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
| ANGULAR TOL                                                                                                                                   |                                       | ±        | 0.5°     |                        | STATUS: Production         |         |            |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          | DRWN: Kevin Tagan      |                            |         | 2024-06-18 |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          | CHK'D: Les Meier       |                            |         | 2024-06-19 |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          | APPR: James Borrelli   |                            |         | 2024-06-20 |                                                                                                                                                                                                                                                                         |  |                 |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          | THIRD ANGLE PROJECTION |                            | DRAWING |            | SERIES                                                                                                                                                                                                                                                                  |  | MATERIAL NUMBER |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          |                        |                            | C-SIZE  |            | 73284                                                                                                                                                                                                                                                                   |  | SEE TABLE       |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  | CUSTOMER        |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  | SHEET NUMBER    |  |                 |          |          |          |           |     |     |   |
|                                                                                                                                               |                                       |          |          |                        |                            |         |            |                                                                                                                                                                                                                                                                         |  | 2 OF 2          |  |                 |          |          |          |           |     |     |   |