

| 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    |

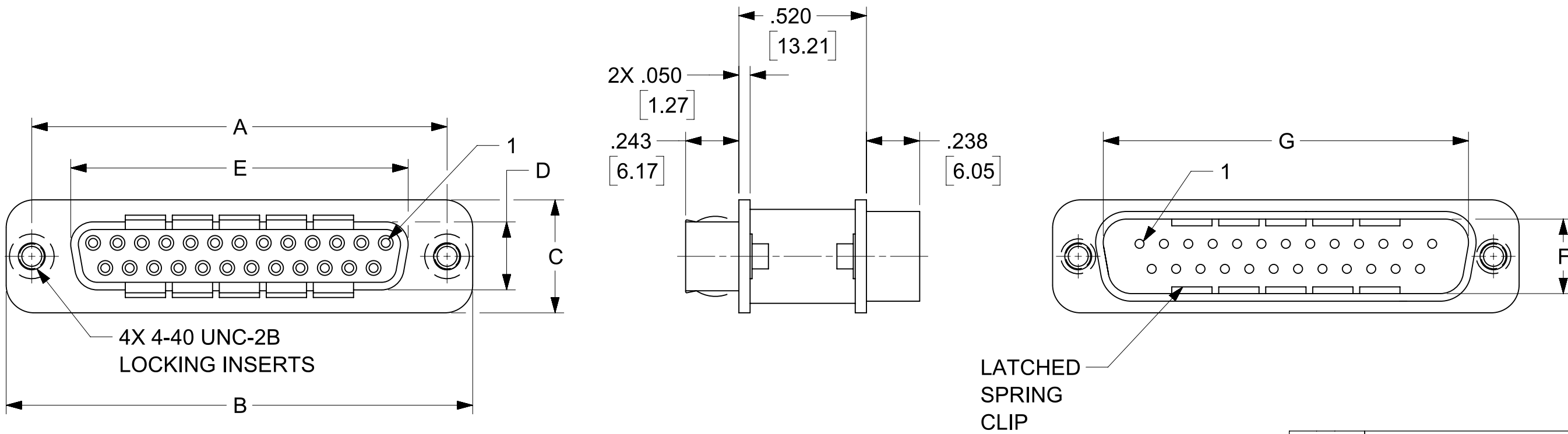


|                                                                                                                                                                                                                                                                   |                                          |         |        |        |                                                                                                                      |  |          |  |              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------|--------|--------|----------------------------------------------------------------------------------------------------------------------|--|----------|--|--------------|--|
| 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>DIVISIONAL SYMBOLS</div></div>                                                                                                           | DIMENSION UNITS                          |         | SCALE  |        | CURRENT REV DESC: RELEASED                                                                                           |  |          |  |              |  |
|                                                                                                                                                                                                                                                                   | 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<br>DRWN: Kevin Tagan 2024-06-18<br>CHK'D: Les Meier 2024-06-19<br>APPR: James Borrelli 2024-06-20 |  |          |  |              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                                                                        |                                          |         |        |        |                                                                                                                      |  |          |  |              |  |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                            |                                          | DRAWING |        | SERIES |                                                                                                                      |  |          |  |              |  |
|                                                                                                                                                                                                                                                                   |                                          | C-SIZE  |        | 73284  |                                                                                                                      |  |          |  |              |  |
| <div>molex</div> <div>Pi FILTERED PLUG/SOCKET D-SUB ADAPTERS</div> <div>PRODUCT CUSTOMER DRAWING</div> <div><div>DOCUMENT NUMBER</div><div>732841810</div><div>DOC TYPE</div><div>PSD</div><div>DOC PART</div><div>000</div><div>REVISION</div><div>A</div></div> |                                          |         |        |        | MATERIAL NUMBER                                                                                                      |  | CUSTOMER |  | SHEET NUMBER |  |
|                                                                                                                                                                                                                                                                   |                                          |         |        |        | SEE TABLE                                                                                                            |  |          |  | 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            |

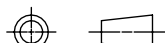
| CAPACITANCE |           | 3 dB MAX<br>CUTOFF<br>FREQ (MHz) | DIELECTRIC<br>WITHSTANDING<br>VOLTAGE | CONTACT<br>RATING | CONTACT<br>RESISTANCE | WORKING VOLTAGE DC | MINIMUM INSERTION LOSS (dB) |        |        |        |         |         |         |       |
|-------------|-----------|----------------------------------|---------------------------------------|-------------------|-----------------------|--------------------|-----------------------------|--------|--------|--------|---------|---------|---------|-------|
| 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    |



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] |

|                                                                                     |  |                                                                                                                                               |    |         |      |                            |                                        |                 |  |          |  |          |  |              |  |
|-------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|----|---------|------|----------------------------|----------------------------------------|-----------------|--|----------|--|----------|--|--------------|--|
| FUNCTIONAL SYMBOLS                                                                  |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |         |      |                            |                                        |                 |  |          |  |          |  |              |  |
| <div><div>FA</div>= 0</div> <div><div>FC</div>= 0</div> <div><div>FP</div>= 0</div> |  | DIMENSION UNITS                                                                                                                               |    | SCALE   |      | CURRENT REV DESC: RELEASED |                                        |                 |  |          |  |          |  |              |  |
|                                                                                     |  | INCH/mm                                                                                                                                       |    | NTS     |      |                            |                                        |                 |  |          |  |          |  |              |  |
| DIVISIONAL SYMBOLS                                                                  |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |         |      | <div>molex</div>           |                                        |                 |  |          |  |          |  |              |  |
|                                                                                     |  |                                                                                                                                               | MM |         | INCH |                            |                                        |                 |  |          |  |          |  |              |  |
|                                                                                     |  | 4 PLACES                                                                                                                                      |    | ±       | ±    |                            | Pi FILTERED PLUG/SOCKET D-SUB ADAPTERS |                 |  |          |  |          |  |              |  |
|                                                                                     |  | 3 PLACES                                                                                                                                      |    | ±       | ±    |                            |                                        |                 |  |          |  |          |  |              |  |
|                                                                                     |  | 2 PLACES                                                                                                                                      |    | ±       | ±    |                            |                                        |                 |  |          |  |          |  |              |  |
|                                                                                     |  | 1 PLACE                                                                                                                                       |    | ±       | ±    |                            |                                        |                 |  |          |  |          |  |              |  |
|                                                                                     |  | 0 PLACES                                                                                                                                      |    | ±       | ±    |                            | PRODUCT CUSTOMER DRAWING               |                 |  |          |  |          |  |              |  |
|                                                                                     |  | ANGULAR TOL ± 0.5°                                                                                                                            |    |         |      |                            |                                        |                 |  |          |  |          |  |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                |  | THIRD ANGLE PROJECTION                                                                                                                        |    | DRAWING |      | SERIES                     |                                        | DOCUMENT NUMBER |  | DOC TYPE |  | DOC PART |  | REVISION     |  |
|                                                                                     |  |                                                          |    | C-SIZE  |      | 73284                      |                                        | 732841810       |  | PSD      |  | 000      |  | A            |  |
|                                                                                     |  |                                                                                                                                               |    |         |      |                            |                                        | MATERIAL NUMBER |  | CUSTOMER |  |          |  | SHEET NUMBER |  |
|                                                                                     |  |                                                                                                                                               |    |         |      |                            |                                        | SEE TABLE       |  |          |  |          |  | 2 OF 2       |  |