



Series 801 Mighty Mouse Double-Start ACME Threads PCB Receptacle Ordering Information

801-011 and 801-033



**Series 801 Printed
Circuit Board Receptacle**

Printed Circuit Board Receptacles feature low profile shells for minimum protrusion inside enclosures and integral standoffs for board washout. Contacts are non-removable.

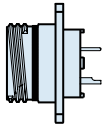
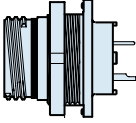
Water Immersion, Unmated

Specify **801-011** connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify **801-033** watertight connectors. These 801-033 connectors are specially sealed ("MOD-518") and are 100% tested to maintain a helium leak rate of 1×10^{-4} cc/second at one atmosphere pressure differential from -40C to +70C.

D

HOW TO ORDER

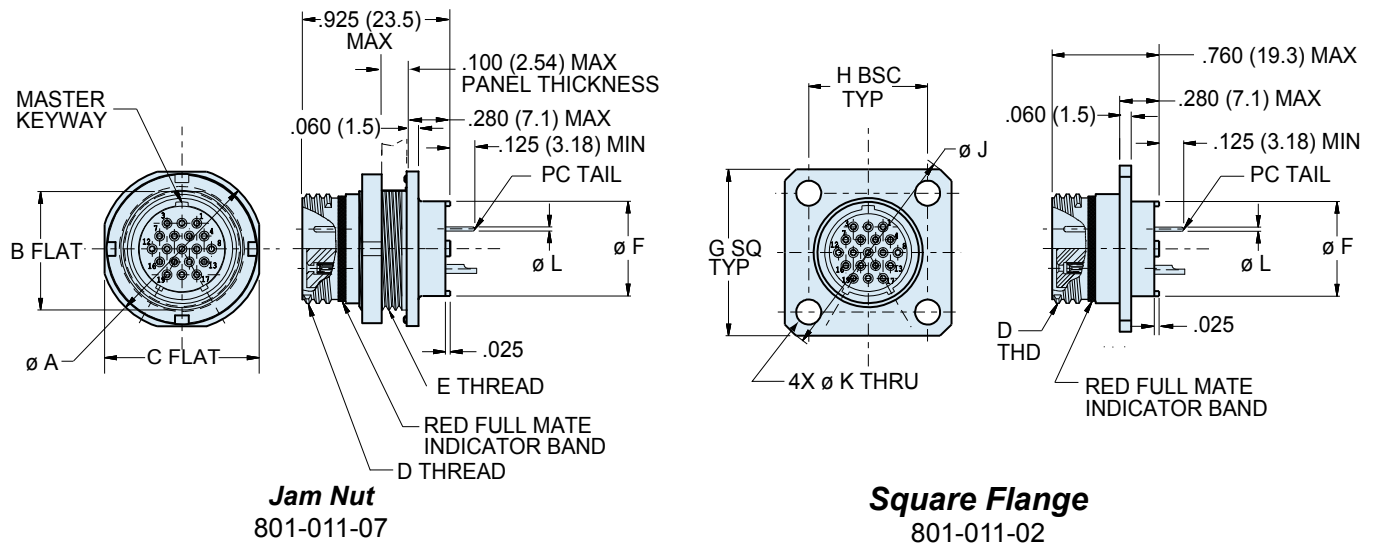
Sample Part Number

| 801-011 | -07 | M | 7-10 | P | A |
|--|---|--|---|---|--|
| Series | Shell Style | Shell Material / Finish | Shell Size- Insert Arrangement | Contact Type | Key Position |
| <p>801-011 Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting</p> |  <p style="text-align: center;">-02 Square Flange</p> | <p style="text-align: center;">C Aluminum / Black Anodize (Non-Conductive) RoHS Compliant</p> <p style="text-align: center;">M Aluminum / Electroless Nickel RoHS Compliant</p> <p style="text-align: center;">NF Aluminum / Cadmium with Olive Drab Chromate</p> <p style="text-align: center;">ZN Aluminum / Zinc-Nickel with Olive Drab Chromate</p> <p style="text-align: center;">ZNU Aluminum / Zinc-Nickel with Black Chromate</p> <p style="text-align: center;">MT Aluminum / Nickel-PTFE RoHS Compliant</p> <p style="text-align: center;">Z1 Stainless Steel / Passivated RoHS Compliant</p> | <p style="text-align: center;">SEE CONTACT ARRANGEMENTS PAGE D-2</p> | <p style="text-align: center;">P Pin, PC Tail</p> <p style="text-align: center;">S Socket, PC Tail</p> <p style="text-align: center;">E Pin, Solder Cup</p> <p style="text-align: center;">F Socket, Solder Cup</p> | <p style="text-align: center;">A Normal</p> <p>Alternate Key Positions:</p> <p style="text-align: center;">B C D E F</p> |
| <p>801-033 Receptacle for Solder Cup or PCB Termination, With Special "MOD-518" Sealing For Open Face (unmated) Water Immersion Requirements. 100% Leak Tested.</p> |  <p style="text-align: center;">-07 Jam Nut</p> | | | | |

Dimensions in inches (millimeters) and are subject to change without notice.

Series 801 Mighty Mouse Double-Start ACME Threads Jam Nut and Square Flange Connector Dimensions

801-011 and 801-033



Jam Nut
801-011-07

Square Flange
801-011-02

DIMENSIONS

| Shell Size | Ø A | | B Flat | | C Flat | | D Thread | E Thread UN-2A | Ø F | | G Sq. | | H BSC | | Ø J | | Ø K | | Ø L Tail Dia. |
|------------|-------|-------|--------|-------|--------|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|---------------------------------|
| | In. | mm. | In. | mm. | In. | mm. | | | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | |
| 5 | .575 | 14.61 | .350 | 8.89 | .545 | 13.84 | .3125-.05P-.1L-2A | .3750-28 | .244 | 6.20 | .530 | 13.46 | .363 | 9.22 | .680 | 17.27 | .093 | 2.36 | #23 .018/.022 (0.46/0.56) |
| 6 | .635 | 16.13 | .410 | 10.41 | .595 | 15.11 | .375-.05P-.1L-2A | .4375-28 | .330 | 8.38 | .590 | 14.99 | .423 | 10.74 | .750 | 19.05 | .093 | 2.36 | |
| 7 | .755 | 19.18 | .536 | 13.61 | .723 | 18.36 | .4375-.05P-1L2A | .5625-32 | .432 | 10.97 | .650 | 16.51 | .483 | 12.27 | .850 | 21.59 | .093 | 2.36 | |
| 8 | .755 | 19.18 | .563 | 14.30 | .723 | 18.36 | .5000-.05P-.1L-2A | .5625-32 | .493 | 12.52 | .712 | 18.08 | .545 | 13.84 | .938 | 23.83 | .093 | 2.36 | #16 .060/.064 (1.52/1.63) |
| 9 | .830 | 21.08 | .596 | 15.14 | .790 | 20.07 | .5625-.05P-.1L-2A | .6250-28 | .551 | 14.00 | .850 | 21.59 | .607 | 15.42 | 1.125 | 28.58 | .128 | 3.25 | |
| 10 | .890 | 22.61 | .658 | 16.71 | .855 | 21.72 | .6250-.05P-.1L-2A | .6875-28 | .620 | 15.75 | .890 | 22.61 | .670 | 17.02 | 1.188 | 30.18 | .128 | 3.25 | |
| 13 | 1.078 | 27.38 | .845 | 21.46 | 1.044 | 26.52 | .8125-.1P-.2L-2a | .875-28 | .703 | 17.86 | 1.030 | 26.16 | .812 | 20.62 | 1.375 | 34.93 | .128 | 3.25 | #12 .092/.096 (2.34/2.44) |
| 16 | 1.264 | 32.11 | 1.022 | 25.96 | 1.230 | 31.24 | 1.000-.1P-.2L-2A | 1.0625-20 | .863 | 21.92 | 1.219 | 30.96 | .981 | 24.92 | 1.625 | 41.28 | .128 | 3.25 | |
| 17 | 1.325 | 33.66 | 1.096 | 27.84 | 1.290 | 32.77 | 1.062-.1P-.2L-2A | 1.125-28 | .912 | 23.16 | 1.280 | 32.51 | 1.060 | 26.92 | 1.700 | 43.18 | .128 | 3.25 | |
| 21 | 1.625 | 41.28 | 1.345 | 34.16 | 1.577 | 40.06 | 1.3125-.1P-.2L-2A | 1.375-28 | 1.170 | 29.72 | 1.565 | 39.75 | 1.322 | 33.58 | 2.100 | 53.34 | .128 | 3.25 | |

PANEL CUTOUT

| Shell Size | Ø A | | Ø B | | Ø C | | D Flat | | Ø E | |
|------------|-------|-------|-------|-------|------|------|--------|-------|-------|-------|
| | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. |
| 5 | .330 | 8.38 | .363 | 9.22 | .093 | 2.36 | .356 | 9.04 | .385 | 9.78 |
| 6 | .390 | 9.91 | .423 | 10.74 | .093 | 2.36 | .416 | 10.57 | .447 | 11.35 |
| 7 | .450 | 11.43 | .483 | 12.27 | .093 | 2.36 | .542 | 13.77 | .572 | 14.53 |
| 8 | .510 | 12.95 | .545 | 13.84 | .093 | 2.36 | .542 | 13.77 | .572 | 14.53 |
| 9 | .575 | 14.61 | .607 | 15.42 | .128 | 3.25 | .602 | 15.29 | .635 | 16.13 |
| 10 | .640 | 16.26 | .670 | 17.02 | .128 | 3.25 | .666 | 16.92 | .697 | 17.70 |
| 13 | .825 | 20.96 | .812 | 20.65 | .128 | 3.25 | .851 | 21.62 | .885 | 22.48 |
| 16 | 1.015 | 25.78 | .981 | 24.92 | .128 | 3.25 | 1.028 | 26.11 | 1.075 | 27.31 |
| 17 | 1.075 | 27.31 | 1.060 | 26.92 | .128 | 3.25 | 1.102 | 27.99 | 1.135 | 28.83 |
| 21 | 1.330 | 33.78 | 1.322 | 33.58 | .128 | 3.25 | 1.354 | 34.39 | 1.385 | 35.18 |

Dimensions in inches (millimeters) and are subject to change without notice.