



SERIES 801 DOUBLE-START ACME THREAD Mighty Mouse Connectors and Cables

Product Selection Guide



Series 801

Connector features and benefits, connector weight comparison, connector weights, contact arrangement layouts, panel cut-out dimensions, key/keyway position, and polarizations.

Page E-2



Plug with Crimp Contacts

Connectors are supplied with rear release crimp contacts. Features integral band platform, for cable shield termination and integral boot groove or select accessory threads for attachment of backshell or strain relief. Self locking anti-decoupling mechanism to prevent loosening under high vibration.

Page E-12



Panel Mount Plug with Crimp Contacts, PC Tail or Solder Cup

Panel mount plug connector with rear release crimp contacts or select non-removable PC tail or solder cup contacts for PCB Applications backpotted and parylene compatible. Both connectors incorporate self locking anti-decoupling mechanism to prevent loosening under high vibration.

Page E-14



Right Angle, Low-Profile Cobra™ Plug

Connectors feature an integrated backshell equipped with a removable rear cover and gasket providing an easy path to installing the supplied rear release crimp contacts. Ultra low profile design reduces hooking and snagging of cables. Self locking anti-decoupling mechanism to prevent demating under shock and vibration.

Page E-16



Receptacle with Rear Release Crimp Contacts

Connectors are supplied with rear release crimp contacts. Features integral band platform for cable shield termination and integral boot groove or select accessory threads for attachment of backshell or strain relief. Contacts are packaged with the connector. Jam-nut, square flange, and in-line versions available.

Page E-18



Receptacle with PC Tails or Solder Cup Contacts

These panel mount connectors offer PC Tails for attachment to flexible ribbon or rigid board. Select solder cup contacts for direct wire connection. Connectors are potted with epoxy for general purpose applications, or choose silicone-sealed, leak-tested versions for 1 meter water immersion. Parylene compatible.

Page E- 23



PCB Receptacle with PC Tails and Ground Pins

Features gold plated copper alloy non-removable PC tail contacts. Ground pins to provide a direct grounding path from the connector shell to the PCB board. Integral .040 (1.04) standoff for board washout. Aluminum alloy shells are backpotted and parylene compatible.

Page E-26



Jam-Nut, Rear Panel Mount, PCB Receptacle

Features gold plated copper alloy non-removable PC tail contacts. Integral threaded .025 (.64) standoff for board washout. Choice of stainless steel or aluminum alloy shells. Backpotted and parylene compatible.

Page E-29



Receptacle with Size #12 Twinax and Combo PC Tail Arrangements

PCB board level connectors are available in four mounting styles including, Square Flange with thru-holes, square flange with clinch nuts, square flange with locking clinch nuts, and jam-nut. Offered with 16 insert arrangements with pin or socket PC tail contacts.

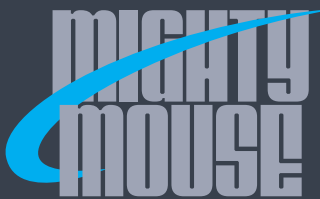
Page E-31



Right Angle Jam-Nut Rear Panel Mount, PCB Receptacle

Supplied with factory-installed, non-removable, epoxy-sealed PC tail contacts. Stainless steel threaded inserts for rigid boards attachment.

Page E-34



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CODE RED™



CODE RED Light Weight Hermetic Receptacle, PC Tail or Solder Cup

Light weight aluminum shell hermetic with advanced encapsulant sealed contacts and conventional copper alloy / gold plated contacts for improved electrical performance compared to nickel-iron contacts. Available with solder cups or PC tails. Choose jam-nut or square flange versions. 100% tested to 1×10^{-7} cc/second helium leak rate.

Page E-38



Hermetic PC Tail or Solder Cup Receptacle

Stainless steel, glass-sealed connectors are available with solder cup or PC tail contacts. Choose jam-nut, square flange or solder mount versions. Contacts are gold plated iron alloy. Integral .025 (0.64) standoffs for board washout 100% tested to less than 1×10^{-7} cc/second helium leak rate.

Page E-41



Hermetic PCB Receptacle with Coax Contacts

Stainless steel shell hermetic glass-sealed connectors offer excellent corrosion protection and are 100% tested to 1×10^{-7} cc/sec helium leak rate. Available with size 16 and 12 Coax contacts. Choose jam-nut, square flange, or solder mount shell styles with Integral .025 (.64) standoff for solder washout. Contacts are gold plated nickel alloy.

Page E-45



Hermetic Receptacle with Coax Pin Contacts and Crimp Cable Adapter

Connector comes with cable adapters for termination of cable. Stainless steel, glass-sealed connectors with size 16 (up to 700 MHz) and size 12 (up to 3 GHz) coax contacts. Jam-nut, square flange or solder mount shell styles with solder washout standoffs. Contacts are gold plated nickel alloy. 100% tested to 1×10^{-7} cc/second helium leak rate.

Page E-48



Hermetic PC Tail Receptacle with Power / Signal Contacts

Corrosion resistant stainless steel, glass-sealed connectors. Shell styles include jam-nut and square flange mount. Threaded mounting holes for high vibration and shock environments. Contacts are gold plated nickel alloy. 100% tested to 1×10^{-7} cc/second helium leak rate.

Page E-52



Hermetic PC Tail Receptacle with Size 12 and 16 Coax Contacts

Corrosion resistant stainless steel, glass-sealed connectors. Shell styles include jam-nut and square flange mount. Threaded mounting holes for high vibration and shock environments. Contacts are gold plated nickel alloy. 100% tested to 1×10^{-7} cc/second helium leak rate.

Page E-55



Bulkhead Feed-Thru Connector

Jam-Nut mount feedthru provide a separable connection on both sides of a mounting panel. Available for shell sizes 5 to 21. This connector mates with all quick coupling high density plug connectors with the same polarization and opposite contact genders (801-001, 801-002, 801-007, and 801-008).

Page E-59



Hermetic Bulkhead Feed-thru Connector

Jam-Nut mount feedthrus provide a hermetic connection on both sides of a mounting panel. Stainless steel, glass-sealed connectors. Choose jam-nut, square flange or solder mount versions. Contacts are gold plated nickel alloy. 100% tested to 1×10^{-7} cc/second helium leak rate.

Page E-61



Series 801 Sav-Con® Connector Savers

Protect expensive test equipment and cables with Glenair Sav-Con® connector savers. These plug/receptacle adapters feature non-removable contacts and anti-decoupling mechanism to prevent loosening under vibration.

Page E-63



Series 801 Cordsets

Choose overmolded or overbraided cordsets for your specific application. Overmolded sets are low smoke and offer excellent all-weather cable protection; overbraided sets are ultraflexible and available with Nomex®, Halar®, or PTFE-coated fiberglass.

Page E-65