



SERIES 805 TRIPLE-START ACME THREAD
Mighty Mouse Connectors and Cables
 Product Selection Guide



Series 805

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

Page J-3



Environmental Plug with Crimp Contacts

Plug connector is supplied with a full complement of contacts for termination to insulated wire. Use with Band-Master™ ATS stainless steel bands (ordered separately), or select accessory thread shell style for use with a variety of strain relief options.

Page J-12



Mighty Mouse Cobra™ Right Angle Low Profile Plug

Mighty Mouse Cobra connectors feature a low profile and integral backshell design, equipped with a removable rear cover and gasket for easy installation of the supplied crimp contacts. Available in shell sizes 8 thru 23.

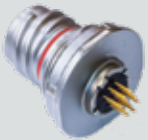
Page J-14



Environmental Crimp Contact Receptacle

Jam-nut, square flange, and in-line version available. Integral band porch for use with Band-Master™ ATS stainless steel bands (ordered separately), or select accessory thread option for use with a variety of strain relief and backshell options.

Page J-17



Environmental or Watertight Receptacle with PC Tails or Solder Cups

Choose environmental or watertight version to meet MIL-STD 810 method 512G immersion requirements. Select PC tails for attachment to flexible or rigid circuits, or solder cup contacts for direct wire attachment. Integral .025 (.64) standoffs for solder washout. Backpotted and parylene compatible.

Page J-22



Jam-Nut Mount Receptacle with PC Tails or Solder Cup Contacts

Receptacle features pin or socket, gold plated copper alloy PC tail contacts, or solder cup contacts for direct wire attachment. Contacts are factory installed and non removable. Integrated .025 in standoff for board washout and 2-56 heli-coil thread. Backpotted and parylene compatible.

Page J-26



Receptacle with PC Tails, Solder Cups and Ground Pins

These panel mount connectors feature copper alloy, gold plated PC tail or solder cup contacts. Ground pins provide a grounding path from the connector to the PCB board. Jam-nut or square flange shell styles available. Contacts are non-removable and parylene compatible.

Page J-28



Mighty Mouse Jam-Nut Receptacle, Right Angle Header

Header connectors feature PC tail contacts, factory installed and non-removable. Integral .025 (.64) standoff for solder washout. Connectors are backpotted with epoxy for general purpose applications and parylene compatible.

Page J-31

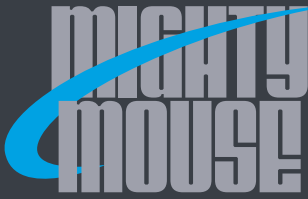


Code Red Light Weight, Hermetic Board Mount Receptacle

Lightweight encapsulant-sealed hermetic with .025 (0.64) integral standoff for board washout. Aluminum shells and gold plated copper alloy contacts for improved performance and weight savings. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. Contacts are non-removable. Connector is backpotted and parylene compatible.

Page J-36

SERIES 805 TRIPLE-START ACME THREAD



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Glass-Sealed Hermetic Board Mount Receptacle

Glass-to-metal seal PCB receptacle with .025 (0.64) integral standoff for board washout. Available in square flange, solder mount, weld mount, and jam-nut shell styles. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. Contacts are non-removable. Connector is backpotted and parylene compatible.

Page J-38



Glass-Sealed Hermetic Receptacle with Solder Cup or PC Tail Contacts

Glass-to-metal seal PCB connector with .025 (0.64) integral standoff for board washout. Available in square flange, solder mount, weld mount, and jam-nut shell styles. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. Contacts are non-removable. Connector is backpotted and parylene compatible.

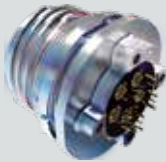
Page J-41



Glass-Sealed Hermetic Receptacle with PC Tail Coax Contacts

Glass-to-metal seal hermetic connector features PC tail Coax contacts for attachment to flexible or rigid board. Integral .025 (.64) standoff for board washout. Available in square flange, solder mount, and jam-nut shell styles. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. Backpotted and parylene compatible.

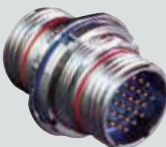
Page J-44



Glass-Sealed Hermetic Receptacle, Threaded Stand-off Coax PC Tails

Glass-to-metal seal hermetic connector with gold plated size 12 or 16 nickel-iron alloy coax contacts. Threaded standoff for board washout and robust attachment to PC board. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. The stainless steel connector shell provides excellent corrosion protection. Backpotted and parylene compatible

Page J-47



Environmental Bulkhead Feedthrough Connector

Feedthrough connectors offer a separable connection on both sides of the mounting panel. Copper alloy gold-plated contacts available in pin-pin, pin-socket, or socket-socket styles will be mirrored about the vertical centerline when pin-pin or socket-socket styles are selected.

Page J-49

CODE RED™



Code Red Light Weight Hermetic Bulkhead Feedthrough Connector

Lightweight feedthru connectors offer a separable connection on both sides of the mounting panel. Innovative encapsulant allows for aluminum shells and gold plated copper alloy contact for improved performance and weight savings. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. Backpotted and parylene compatible.

Page J-51



Jam-Nut Hermetic Bulkhead Feedthrough Connector

Hermetic glass-to-metal feedthru connectors offer a separable connection on both sides of the mounting panel. Innovative encapsulant allows for aluminum shells and gold plated copper alloy contact for improved performance and weight savings. 100% tested to meet 1×10^{-7} ccHe/sec @ 1 atm helium leak rate. Backpotted and parylene compatible.

Page J-53



Sav-Con® Connector Saver

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

Page J-55



Series 805 Mighty Mouse 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 J-57

SERIES 805 TRIPLE-START ACME THREAD