

SERIES 804 QDC PUSH-PULL Mighty Mouse Connectors and Cables Product Selection Guide



Series 804

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

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Cable Plug with Crimp Contacts Band Platform

Cable plugs are available with an integral shield termination platform. For use with **Band-Master™ ATS** microbands sold separately. Accessory threads also available for backshell attachment. Contacts are crimp removable, and are packaged with the connector.

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"Cobra" Plug with Crimp Contacts and Band Platform

Right angle, low profile connectors feature an integrated backshell. Connector features removable crimp contacts accessible via the hood to provide an easy path for installation or repair of broken or bent pins. .

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Lanyard-Release Plug with Crimp Contacts and Accessory Threads

Plug connector with lanyard. One Pull of lanyard quickly demates connectors, convenient for soldiers in the field or where gloved hands make grasping smaller connectors difficult. Connector features rear release, crimp contacts for simplified field repairs.

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Panel Mount Plug with Crimp Contacts and Band Platform

These panel mount plugs offer reduced profiles inside the box compared to panel mount receptacles. Connector bodies are sealed with epoxy to assure a water-tight open face seal.

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Panel Mount PCB Plug with PC Tails or Solder Cups

These panel mount plugs offer reduced profiles inside the box compared to panel mount receptacles. Connector bodies are sealed with epoxy to assure a water-tight open face seal.

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Receptacle with Crimp Contacts and Band Platform

Choose in-line or jam-nut mount receptacle. Two receptacle shell styles available. Select integral shield termination platform type or accessory threads for backshell attachment. Contacts are crimp-type, and packaged with the connector.

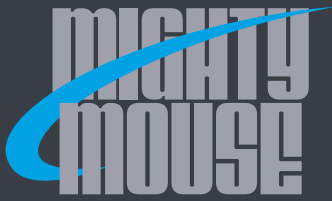
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Lanyard-Release Receptacle with Crimp Contacts and Accessory Threads

Receptacle connector with lanyard. One pull of lanyard quickly demates connectors, convenient for soldiers in the field or where gloved hands make grasping smaller connectors difficult. Connector features rear release, crimp contacts for simplified field repairs.

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Receptacle with PC Tails or Solder Cups

These panel mount connectors feature gold plated, factory-installed contacts. Connector bodies are sealed with epoxy to assure a water-tight open face seal.

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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.

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Code Red Light Weight Hermetic Receptacle, PC Tails or Solder Cups

Light weight aluminum shell hermetic with advanced encapsulant sealed contacts using conventional copper alloy / gold plated contacts for improved electrical performance over 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.

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Hermetic Receptacles with PC Tails or Solder Cups

Miniaturized glass-to-metal seal hermetic receptacle for sealed box or instrument panel applications. These stainless steel connectors are available with solder cup or PC tail contacts. 100% tested to 1×10^{-7} cc/second helium leak rate. Open face pressure rating 1000 PSI.

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Bulkhead Feed-Thru Connector

Jam-Nut mount, shell sizes 5 to 15. This connector mates with all push/pull plug connectors with the same polarization and opposite contact genders. Copper alloy gold-plated contacts, pin to pin, pin to plug, or plug to plug.

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Series 804 Cordsets

Choose from Phantom Cable or Polyurethane cordsets. Phantom cables offer increased flexibility where water ingress or debris are not present or critical to functionality. Select standard polyurethane cable for water tight applications, or specify low smoke/zero halogen polyurethane for applications where low toxicity is mandated.

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