

# Series 804 Push-Pull Mighty Mouse Quick-Disconnect Connectors Table of Contents and Introduction



Series 804

## PRODUCT SELECTION GUIDE



### Series 804 Cable Plugs

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

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### Series 804 Cobra Style Plug

These connectors feature an integrated backshell equipped with a removable rear cover and gasket, providing an easy path to installing the supplied crimp contacts.

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### Series 804 Panel Mount Plugs with PCB or Solder Cup Terminals

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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### Series 804 Panel Mount Plugs with Banding Porch

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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### Series 804 Receptacles with Crimp Terminals

Choose in-line or jam nut versions for panel mounting. Crimp receptacles are available with an integral shield termination platform or with accessory threads for backshell attachment. Contacts are crimp-type, and are packaged with the connector.

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### Series 804 Receptacles with PCB or Solder Cup Terminals

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

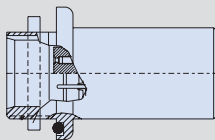
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### Series 804 Hermetic Receptacles

Need a miniaturized hermetic for a sealed box or instrument? These stainless steel, glass-sealed connectors are available with solder cup or PC tail contacts. 100% tested to meet  $1 \times 10^{-7}$  cc/sec helium leakage. Open face pressure rating 1000 PSI.

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### Series 804 Bulkhead Feed-Thru Receptacle 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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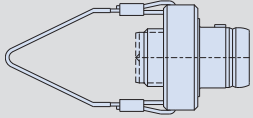
Dimensions in Inches (millimeters) are subject to change without notice.



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#### Series 804 with Lanyard

Connector plug with lanyard and crimp release contacts, shell size 5-15  
Connector receptacle with lanyard and crimp release contacts, shell size 5-15

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#### Series 804 Cordsets

Select standard polyurethane cable for general purpose applications, or specify low smoke/zero halogen polyurethane for applications where low toxicity is mandated. Select Phantom Cable for increased flexibility

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#### Series 804 USB Cordset Hub

The Mighty Mouse USB Cordset Hub regulates 5V USB power from a 16V source while providing power management

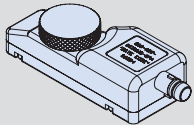
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#### Series 804 USB Tactical Patch Cable

These ruggedized cordsets are available as single or double ended or right angle. Polyurethane jacket is suitable for general purpose applications or select Nomex® jacket for increased flexibility.

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#### Series 804 Radio Connectors

Choose AN/PRC or RF7800T radio connectors with 804 quick disconnect connectors. Select un-cabled, cabled or pigtail versions

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#### Series 804 USB Flash Drive

Mighty Mouse Series 804 USB 3.0 flash drive featuring a push/pull 804 series ruggedized interface and available in 8GB, 16GB, 32GB, or 64GB storage capacities.

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#### Series 824 Locking Push Pull

The New Mighty Mouse Series 824 locking push-pull connectors provides superior sealing, excellent EMI protection, low-profile ergonomic mating and demating, and easy crimp contact termination. Finally mil-spec performance in a push-pull shell.

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New locking push-pull with **SpeedMaster** 10G contacts

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