

Introduction to Crimp Contacts Series 80 Mighty Mouse

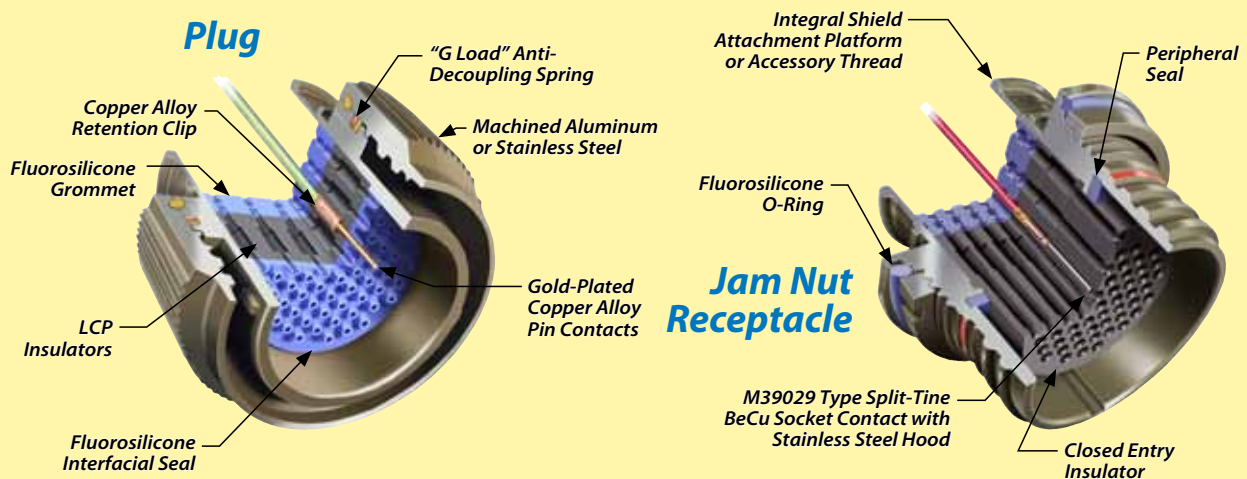


About Our Series 80 Mighty Mouse Size #23 Crimp Contacts

Like all high-performance crimp contact systems, Series 80 Mighty Mouse contacts are terminated to wire using precision crimp tools, and are then snapped into place by hand or with a hand held insertion tool. Damaged or miswired contacts may be removed from the connector using special extraction tools. Although the connectors are supplied with a full complement of contacts, extra contacts are commonly purchased as spares or to use for quality assurance purposes, such as crimp tensile tests. Coaxial contacts are also typically ordered separately, as customers prefer to specify the exact performance values for these specialized shielded contacts.

Mighty Mouse contacts conform to the requirements of Aerospace Standard AS39029. This SAE specification defines the design, dimensions and performance of contacts used in aerospace grade electrical connectors. The "general specification" covers a variety of contacts including thermocouple, hermetic, coaxial and triaxial types. The "slash sheets" contain dimensions and other information for specific types of contacts. Each contact is assigned a Basic Identification Number (BIN), a non-significant three digit code corresponding to the color code on the contacts. Series 80 Size #23 and size #20HD contacts conform to AS39029 requirements, but are not covered by a slash sheet. Size #20, #16 and size #12 contacts are standard AS39029 contacts.

Series 80 "Mighty Mouse" Connector with Special Size #23 Crimp Contacts



About Thermocouple and Other Special Purpose Contacts

Glenair produces a wide range of special purpose contacts including high power and high ampacity contacts, pneumatic contacts, PC Tail contacts for board terminations and thermocouple contacts for use in temperature measuring applications. We also produce all the small accessory items, such as sealing plugs, that make us a convenient one-stop-shopping destination for users of high-performance Mil-Spec and commercial connectors and contacts.

We invite our customers to take advantage of the breadth and depth of our contact product line, especially in terms of its high-availability and our willingness to engineer unique and special-purpose contact solutions for virtually any interconnect challenge.