



## SERIES 80

# Mighty Mouse Contacts

This section of the catalog contains ordering information for contacts. Series 80 Mighty Mouse connectors are supplied with a full complement of crimp contacts. Contacts are terminated to wire using special tools and are 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 must be ordered separately. If your application requires coaxial contacts, select contact types "A" or "B" (pin or socket) in the connector part number. The connector will be supplied without contacts. Select the appropriate coaxial or pneumatic contact from this section.

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.

A **Qualified Products List (QPL)** identifies those manufacturers whose products have been verified to meet all requirements.

**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.



### ABOUT CRIMP TOOLS

Series 80 signal, power, and coaxial contacts are crimped to wire using mil spec crimpers. **Military Specification MIL-DTL-22520** provides the aerospace/defense industry with a common set of rugged, reliable hand crimp tools. This specification controls the voltage drop and tensile strength of crimp terminations.

**Before ordering, check to see if you already have these tools!** We have listed the military part number for reference. Please be aware that Size #23 and #20HD contacts require special positioners unique to the Mighty Mouse product line.