

Size 16 Butt-Joint Contacts

For Use in MIL-DTL-38999 and ARINC 404 Shells



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Smiths Interconnect offers rugged interconnects such as MIL-DTL-38999, to house fiber optic contacts in size 16 Butt-Joint, Size 5 and Size 12 Expanded Beam, ARINC 801 Termini and DIN style contacts. Fiber optic contact technologies are capable of supporting wide bandwidth applications and suitable for inclusion in a broad variety of formats.

All fiber optic connectors and contacts are offered fully terminated and tested ensuring signal integrity for rugged application environments.

Smiths Interconnect offers both multi-mode and single-mode fiber optic contacts. We also support a complete line of Fiber Optic connectors to terminate to the cable's other end including: Ruggedized Single Channel (RSC), FC, ST, LC Duplex/Simplex, MTP, MT-RJ and Ruggedized SC connectors.

Size 16 Butt-Joint contacts offer excellent optical performance and are available for MIL-DTL-38999 and ARINC 404 style shells. ARINC 404 contacts conform to M29504/6 and M29504/7 while the MIL-DTL-38999 contacts conform to M29504/4 and M29504/5 requirements.

The Size 16 Butt-Joint physical contact polish provides extremely low insertion loss, -0.25dB (typical) mated pair, with low back reflection. Additionally the robust pin and socket design provides users with an easy termination process and fewer parts.

Please consult factory for cabling options.

Features and Benefits

- Insertion loss: -0.25dB (typical) mated pair
- Robust pin and socket design
- Single-mode and Multi-mode applications 62.5/125 and 50/125 μm
- Meets or exceeds all applicable requirements of MIL-T-29504

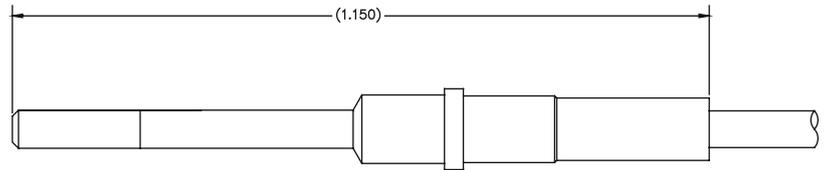


Note: Smiths Interconnect provides specialty, enhanced performance connectors and cable assemblies and does not currently offer circular or rack and panel connectors that are listed on military standard Qualified Products Lists (QPL) per applicable detail specification sheets. Smiths Interconnect's connectors are fully intermateable with applicable QPL products and meet the applicable requirements of all military standards listed in the data sheet.

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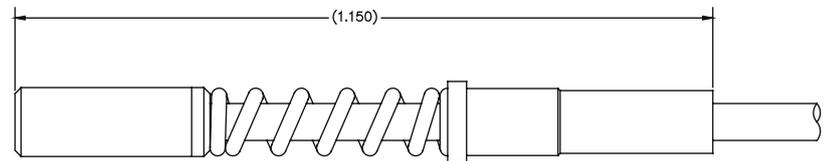
ARINC 404 Pin Contact Conforming to M29504/6

Part Number
238533-8000



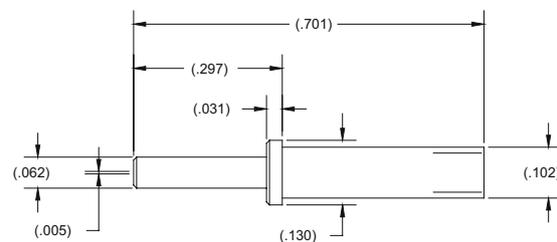
ARINC 404 Socket Contact Conforming to M29504/7

Part Number
238433-8000



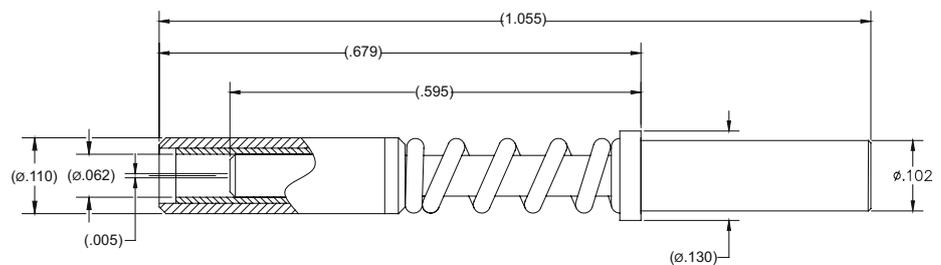
MIL-DTL-38999 Pin Contact Conforming to M29504/4

Part Number
238533-8004



MIL-DTL-38999 Socket Contact Conforming to M29504/5

Part Number
238433-8004



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