smiths connectors

SIZE 16 BUTT-JOINT CONTACTS

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

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

Smiths Connectors 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 are 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 Connectors offers both multi-mode and single-mode fiber optic contacts. We also offer a complete line of Fiber Optic connectors to terminate to the other end of the cables which include: Ruggedized Single Channel (RSC), FC, ST, LC Duplex/Simplex, MTP, MT-RJ and Ruggedized SC connectors.

Size 16 Buttt-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.

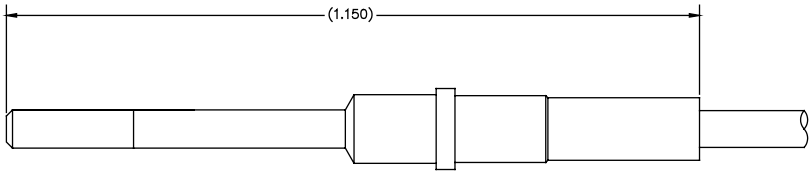
Please consult factory for cabling options.

HYPERTAC iDi INTERCONNECT DEVICES SABRITEC

Note: Smiths Connectors provides specialty, enahanced performance connectors and cable assemblies and as such 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 Connectors' connectors are fully intermateable with applicable QPL products and meet the applicable requirements of all military standards listed in the data sheet.

SIZE 16 BUTT-JOINT CONTACTS

ARINC 404 PIN CONTACT CONFORMING TO M29504/6



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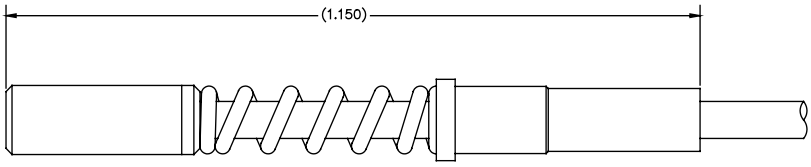
ARINC 404 SOCKET CONTACT CONFORMING TO M29504/7



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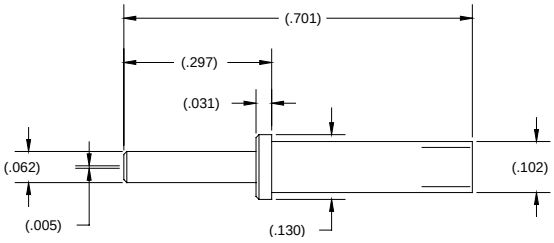
MIL-DTL-38999 PIN CONTACT CONFORMING TO M29504/4



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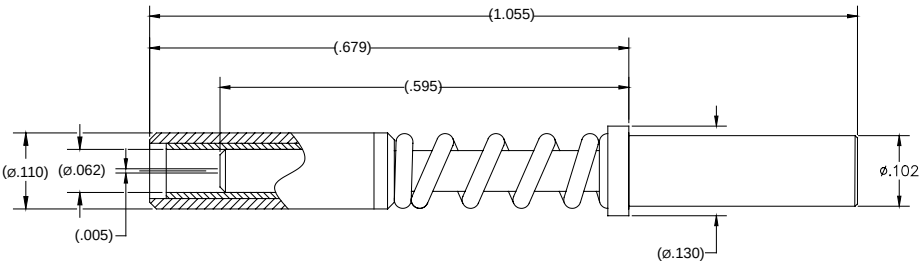
MIL-DTL-38999 SOCKET CONTACT CONFORMING TO M29504/5



P/N 238433-8004