

Connector Withstands 1,000 Cycles of Thermal Shock and Vibration Testing



ITT Electronic Components tested their Chip on Flex (CoF) filter connector technology to 1,000 cycles of thermal shock from -55°C to +125°C per MIL-STD-1344. The connector design provides desirable reliability and protection in harsh environments. In MIL-DTL-38999 configurations, the Chip on Flex connector has passed MIL-STD-1344 and MIL-DTL-38999 Series III testing for mechanical shock, random vibration, humidity and high altitude. The connector features a voltage rating of 200V DC to 120V AC rms 400 Hz. Current ratings are 15A, 7.5A and 5.0A for sizes 16, 20 and 22, respectively. The connector is suitable for high reliability military, aerospace and industrial applications including integrated avionics, radio and navigation systems, fire control devices, electronic counter measures, satellite communications and data transmitters. Typical ranges from \$125 to \$175 each in quantities of 100. Lead time is from 12 to 14 weeks.

ITT Electronic Components

919-872-8172, www.ittcannon.com [1]

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