

Amphenol LJT MIL-DTL-38999 Series I



100% SCOOP-PROOF DESIGN WITH QUICK, POSITIVE BAYONET COUPLING

Amphenol's MIL-DTL-38999 series I LJT miniature connectors offer high-density contact arrangements and are suitable for extremely high-reliability connections, including use in military and commercial aviation. They are environmentally-sealed and have a wide operating temperature range.

- Meets requirements of HE308
- Intermateable with ITT Cannon, Deutsch, Souriau, Matrix® and all MIL-DTL-38999 series I connectors
- Formerly MIL-C-38999

APPLICATIONS

- High-performance military aircraft
- Commercial airlines
- Communications equipment
- Armored personnel carriers & tanks
- Missiles
- Shipboard
- Medical instrumentation
- High-reliability test equipment

FEATURES

QUICK-MATING

A three-point bayonet coupling system makes the LJT's quick-mating and provides an audible and tactile "click," along with visual verification of mated connectors via a sighting hole and high-visibility, bright blue bayonet pins.

SHIELDED INTERCONNECT

LJT plugs feature high-quality grounding springs that provide 360-degrees of EMI/RFI shielding protection. These springs ground the barrel of the LJT plugs to the inside wall of the LJT receptacles with a wiping action that offers effective protection from reception or transmission of electronic noise.

MANY CONTACT LAYOUTS AND STYLES

LJT connectors come in a wide variety of contact sizes and layouts, up to 128 contacts. Printed circuit board, fibre optic, thermocouple, and coax-style contacts are available for special applications.

UTILIZES HIGH-QUALITY MILITARY CONTACTS

For standard applications, LJT's come with crimp-style military contacts design to resist bending and provide reliable performance under the most rigorous conditions.

CORROSION-RESISTANT

LJT's are available with cadmium over nickel plating that has met and passed the 500-hour military salt spray corrosion tests.