

## Fast Facts

### ABAC, MIL-DTL-38999 SERIES III CONNECTORS

The high performance connector range conforms to DLA (DSCC) military specification and has been subjected to shock and vibration testing to ensure continued performance in the most severe environments. TT electronics' 38999 connectors feature both military specification and innovative proprietary shell options. Operating temperature ranges from 65°C to +175°C making them ideal for use in military, aerospace and down-hole applications. A comprehensive range backshells and accessories are also available.

#### Market Segments

- Fighting vehicles
- Ground army communications
- Civil and military aerospace
- Increasing adoption in industrial applications

#### Applications

- Avionic systems, test equipment, aircraft engines, landing gear
- Military communications systems
- Ground networks

#### Features

- MIL-DTL-38999 Series III (ABAC)
- 100% scoop-proof
- High density contact arrangements, up to 128 contacts
- Contact sizes 22D to 8, including Co-ax, Twin-ax, Quadax & Fibre
- Corrosion resistant – 500 hour salt spray exposure
- Environmentally sealed
- EMI shielding - designed to obtain metal-to-metal coupling; connector provides a superior EMI shielding capability
- Shell grounding fingers are standard on all plugs
- Vibration/shock - operates under severe, high temperature shock and vibration testing
- Locksmith keying - 5 keyway polarization provides 5 alternate rotations
- Mil Spec covers all dimensions including accessory threads

#### Our advantage

- Full DLA (DSCC) qualified product series
- Product produced at UK and USA, (ITAR technical assistance agreement) manufacturing sites, improving availability, after sales support and providing design of custom solutions
- Additional catalogue variants readily available to suit individual application requirements
  - ABAC PCB contacts
  - ABAC Integral Backshell
  - ABAC PCB Stand Off
  - ABAC In Line Cable Receptacle
  - ABAC Rear Mount Receptacle
  - ABAC Receptacle with Integral Clinch Nuts
  - ABAC Power (#8 Contacts 50A)
  - ABAC High seal Potted Receptacle
  - ABAC R6 RJ45
  - ABAC UA USB

