



Harsh Environment Connectivity Solutions



HPC Series Rectangular Panel Connector with Faston Termination

HPC Series rectangular panel mount connectors with faston termination

Materials

- Housings: Thermoplastic UL94V-O rated
- Seal Rings: Thermoplastic rubber
- Contacts: Silver-plated over copper alloy

Electrical

- PC Terminals Current Rating: 30A per UL 1977
- Faston Terminals Current Rating: 50A RMS w/10AWG wire, normal ambient, per UL 1977
- Voltage Rating: 1,500 AC RMS, Per Mil-Std 202, Method 301
- Insulation Resistance: > 2T Ohms
- Contact Resistance: 1m Ohm, 1.5m Ohm after 1,000 insertions/withdrawals

Mechanical

- Shock: Mil-Std 202, Method 213B Cond. K
- Vibration: Mil-Std 202, Method 201A
- Life: 1,000 insertion/withdrawals
- Cable Range: 0.560" OD max.

Environmental

- Salt Spray: Mil-Std 202, Method 101D Cond. B
- Thermal Shock: Mil-Std 202, Method 107G
- Temperature Limits: -55 C to +85 C
- Moisture Resistance: Mil-Std 202, Method 106E
- Life@Ambient Temperature: Mil-Std 202, Method 108A
- Touch Proof: IEC 65 and 1010-1
- Weather Tightness: IEC 529, IP 25