RTX Series

TECHNICAL CHARACTERISTICS

ELECTRICAL

- **Frequency Range:** 5 MHz max
- **Insulation Resistance:** at 25 °C (77 °F) ≥ 5000 MΩ
  at 150 °C (302 °F) ≥ 1,000 MΩ
- **DWV (Sea Level):** 900 Vac RMS – 50 Hz
- **DWV (70,000 ft):** 200 Vac RMS – 50 Hz
- **Contact Resistance:**
  - **Center & Intermediate Contacts:** ≤35 mΩ
  - **Outer Body:** ≤8 mΩ

MECHANICAL & ENVIRONMENTAL

- **Temperature Range:** -65 °C (-149 °F) to +150 °C (+302 °F)
- **Temperature Life:** 1,000 Hours at 150 °C (+302 °F)
- **Salt Spray:** 500 Hours
- **Altitude Immersion:** 47 kPa (0.68 psi)
- **Air Leakage:** 0.5 cm3/s
- **Sand & Dust:** 1 Cycle – Wind Speed 3.5±0.5m/s
- **Humidity:** 28 Days
- **Shock:** 100g – 6 ms
- **Vibration:** AECMA EN2591 Test D3 – Method B
- **Mating & Unmating:** 500 Cycles
- **Contact Retention:** > 45 N
- **Locking Torque (C)**
  - **Mating:** 1 ≤ C ≤ 1.25 Nm (8.85 ≤ C ≤ 11 lb in.)
  - **Unmating:** C ≤ 1.35 Nm (11.95 lb in.)
- **RoHs statue:** Not RoHs