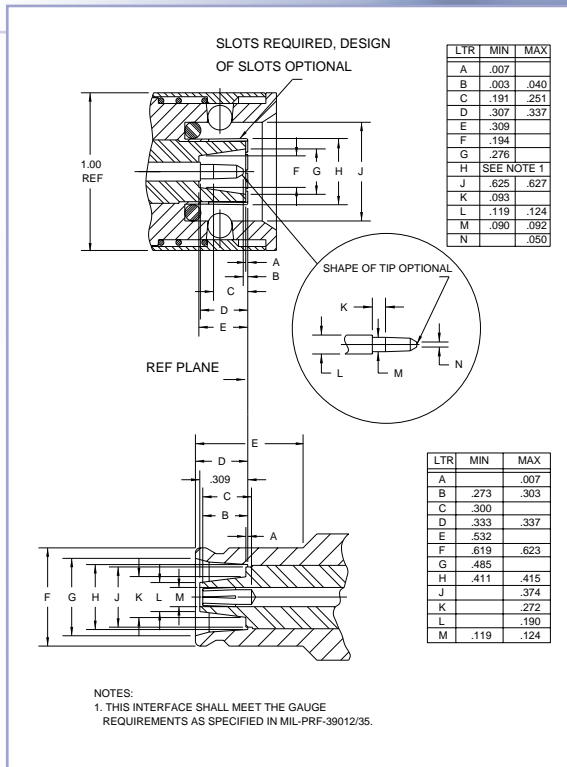




The Custom Interconnect Leader



ELECTRICAL

- Nominal Impedance: 50 ohms
- Frequency Range: DC to 6 GHz
- Voltage Rating: 1,000 volts rms
- Dielectric Withstanding Voltage: 3,000 volts rms
- Insulation Resistance: 5,000 megohms
- VSWR: 1.35 max DC-6 GHz

MECHANICAL

- Mating Characteristics: per TRU standards (ref MIL-C-18867A)
- Connector Durability: 500 cycles min.
- Cable Attachment: Clamp

ENVIRONMENTAL

- Temperature Range: -67°F to +390°F (-55°C to +199°C)
- Vibration: MIL-STD-202 Method 204 (Test Cond. B)
- Shock: MIL-STD-202 Method 213 (Test Cond. I)
- Moisture Resistance: MIL-STD-202 Method 106
- Corrosion (salt spray): MIL-STD-202 Method 101 (Test Cond.B)

MATERIAL / FINISHES

- Body: Brass, Silver or Nickel Plated
- Contacts (Inner): Female: Beryllium Copper, Silver or Gold Plated; Male: Brass, Silver or Gold Plated
- Contacts (Outer): Brass, Silver or Nickel Plated; Beryllium, Silver or Nickel Plated
- Contacts (Slotted): Plated
- Insulators: Teflon
- Gaskets & Seals: Silicone Rubber

Features listed are typical and may vary depending upon cable selection and application.

TRU Corporation offers QDS Series connectors that provide high integrity connections with a fast on/off capability and reliable mating, without bayonets or threaded couplings nuts. These connectors feature a positive locking mechanism employing a spring loaded sleeve on the male plug that is drawn back to let self contained bearings click into grooves on the corresponding female and the then slide forward. A red band is exposed if connectors are not fully mated, providing added security for a proper connection.

For leading-edge engineering and custom product designs, look to TRU. Since 1951, we have been providing our customers with quality and cost effective solutions for all of their interconnect applications. We maintain the highest quality standards and manufacture all our products at our modern facility located in Peabody, Massachusetts. Contact your Customer Service Representative today or visit www.trucorporation.com to see why we are "The Custom Interconnect Leader".

Please note that the products displayed are only a sampling of our designs.

Please note that bold model numbers represent the product as shown.

Custom connectors can be manufactured to your own specifications.



Build Your Own Connector at www.trucorporation.com