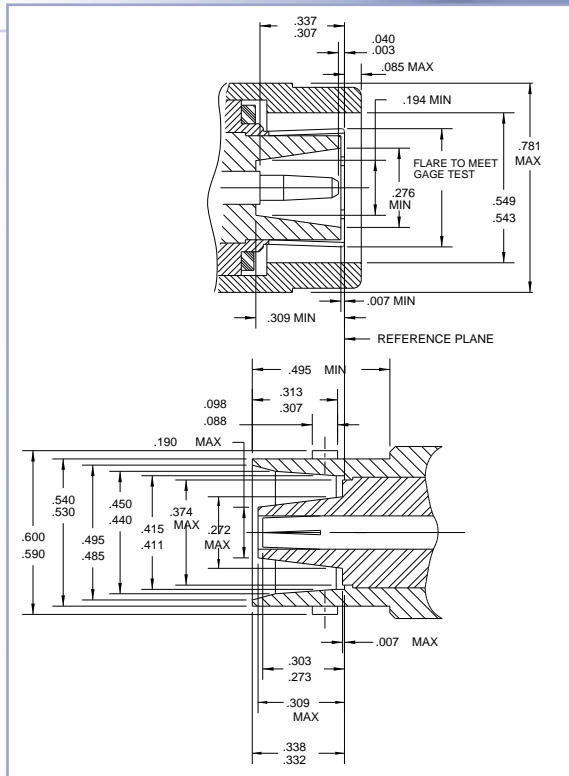




The Custom Interconnect Leader



ELECTRICAL

Nominal Impedance: 50 ohms  
 Frequency Range: DC to 11 GHz  
 Voltage Rating: 1,000 volts rms  
 Dielectric Withstanding Voltage: 3,000 volts rms  
 Insulation Resistance: 5,000 megohms  
 VSWR: 1.35 max DC-11GHz

MECHANICAL

Mating Characteristics: per MIL-STD-348  
 Connector Durability: 500 cycles min.  
 Cable Attachment: Clamp

ENVIRONMENTAL

Temperature Range: -85°F to +329°F (-65°C to +165°C)  
 Vibration: MIL-STD-202 Method 204 (Test Cond. B)  
 Shock: MIL-STD-202 Method 213 (Test Cond. 1)  
 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  
 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 C Series connectors are high quality 50 ohm designs that operate over a frequency range of DC to 11 GHz with high voltage versions to 2 GHz. We offer a variety of male and female designs for both semi-rigid and various flexible cables. These cable connectors are rigid and various flexible cables. These cable connectors are available in straight, right angle, and bulkhead configurations. A multitude of non-hermetic and hermetic receptacles are also available in panel mount and front or rear mount bulkhead styles. These connectors are manufactured to MIL-C-39012. 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](http://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.

Custom connectors can be manufactured to your own specifications.



Build Your Own Connector at [www.trucorporation.com](http://www.trucorporation.com)