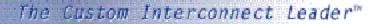
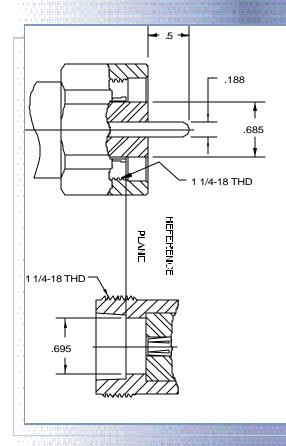
# ETRUD

#### LC Series





TRU Corporation offers LC Series connectors for military and commercial applications. The LC Series are large sized, high voltage, 50 ohm coaxial connectors designed for cable sizes .393" to 1.00". We offer a large range of plugs, jacks, bulkhead or panel receptacles and in-series and between-series adapters. See page 10 for Cable Assemblies manufactured from RG-218/U and RG-393 cable.

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.

#### ELECTRICAL

Nominal Impedance: Frequency Range: Voltage Rating: Dielectric Withstanding Voltage: Insulation Resistance: VSWR: 50 ohms DC to 1.0 GHz 3,000 volts rms

5,000 volts rms 5,000 megohms 1.15 max DC-1.0 GHz

### MECHANICAL

Cable Attachment:

Mating Characteristics: Connector Durability: per MIL-C-3650 or MIL-STD-348 500 cycles min. Clamp

#### ENVIRONMENTAL

С

Temperature Range:	-85°F to +329°F (Teflon)
	(-65°C to +165°C)
	-85°F to +329°F (Rexolite,
	Polyethelene)
	(-65°C to +165°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)

Body:	Brass, Silver o
Contacts (Inner):	
Female	Beryllium Cop
	Gold Plated
Male	Brass, Silver o
Contacts (Outer):	Brass, Silver o
	Beryllium, Silve
ontacts (Slotted):	Plated
Insulators:	Teflon, Rexolit
Gaskets & Seals:	Silicone Rubbe

Brass, Silver or Nickel Plated

Beryllium Copper, Silver or Gold Plated Brass, Silver or Gold Plated Brass, Silver or Nickel Plated Beryllium, Silver or Nickel Plated Teflon, Rexolite, Polyethelene Silicone Rubber

## 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

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