

50 Ohm TRS Subminiature Plug 1553 Connector  
Clamp/Solder Attachment TRC-50-1



**LCCN10-10030-370**

**Configuration**

- TRS Subminiature Plug Connector
- MIL-STD-1553
- 50 Ohms
- Straight Body Geometry
- TRC-50-1 Interface Type
- Clamp/Solder Attachment
- 1553 Design

**Features**

- Twinax Connectivity
- Subminiature

**Applications**

- Robust Design
- Ease of Use
- Use in High Shock and Vibration Environment

**Description**

TRS Subminiature Plug connector has a bayonet coupling design with a center contact and an intermediate cylindrical contact. TRS connectors are preferred in applications that require weight reduction, high packing density, and noise-free guarded circuits. TRS connectors can increase packing density to more than 240% compared to TRB standard connectors. The reduced size limits the maximum outer cable diameter to 0.250 inches.

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Insertion Loss		0.1		dB

**Mechanical Specifications**

**Size**

Length	0.76 in [19.30 mm]
Width	0.45 in [11.43 mm]
Height	0.45 in [11.43 mm]
Weight	0.01 lbs [4.54 g]

**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 micro inches ASTM-B-488
Insulation	Teflon	
Outer Conductor	Phosphor Bronze	ASTM-B-488

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[50 Ohm TRS Subminiature Plug 1553 Connector Clamp/Solder Attachment TRC-50-1 LCCN10-10030-370](#)

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Body	Brass	Nickel ASTM-B-733
Gasket	Rubber	
Crimp Sleeve	Brass	Nickel

**Environmental Specifications**

**Temperature**

Operating Range -55deg C to +200deg C

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

50 Ohm TRS Subminiature Plug 1553 Connector Clamp/Solder Attachment TRC-50-1 from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 50 Ohm TRS Subminiature Plug 1553 Connector Clamp/Solder Attachment TRC-50-1 LCCN10-10030-370

URL: <https://www.l-com.com/50-ohm-trs-subminiature-plug-1553-connector-clamp-solder-attachment-trc-50-1-lccn10-10030-370-p.aspx>

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L-com CAD Drawing

