

78 Ohm TRB 3-lug Jack 1553 Connector Clamp/Solder Attachment with Bend Relief for 30-02003-LC, TWC-78-1 (OD .150")



**LCCN10-06570-231**

**Configuration**

- TRB 3-Lug Jack Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- 30-02003-LC, TWC-78-1, TWC-1241-A Interface Type
- Clamp/Solder Attachment
- 1553 Design

**Features**

- Twinax Connectivity
- Bayonet Coupling
- Bend Relief

**Applications**

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

**Description**

This TRB connector has a bayonet coupling design with a center contact and an intermediate cylindrical contact. The bayonet type can withstand severe shocks and vibrations. Available for many popular twinax cable applications.

**Electrical Specifications**

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

**Mechanical Specifications**

**Size**

Length	2.17 in [55.12 mm]
Width	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.02 lbs [9.07 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
Body	Brass	Nickel ASTM-B-733

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[78 Ohm TRB 3-lug Jack 1553 Connector Clamp/Solder Attachment with Bend Relief for 30-02003-LC, TWC-78-1 \(OD .150"\) LCCN10-06570-231](#)

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### Environmental Specifications

#### Temperature

Operating Range

-55deg C to +200deg C

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

### Plotted and Other Data

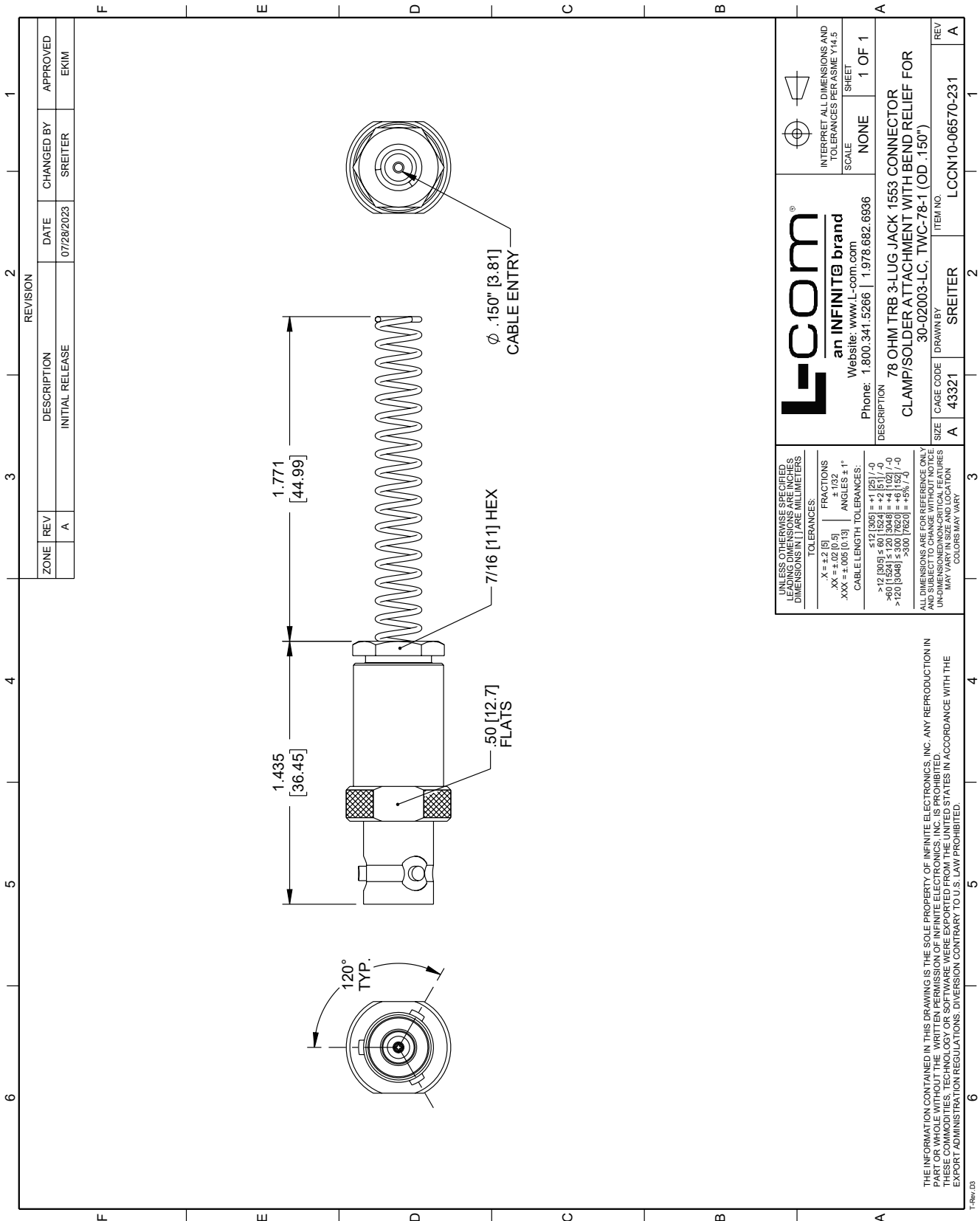
78 Ohm TRB 3-lug Jack 1553 Connector Clamp/Solder Attachment with Bend Relief for 30-02003-LC, TWC-78-1 (OD .150") from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and 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: 78 Ohm TRB 3-lug Jack 1553 Connector Clamp/Solder Attachment with Bend Relief for 30-02003-LC, TWC-78-1 (OD .150") LCCN10-06570-231

URL: <https://www.l-com.com/78-ohm-trb-3-lug-jack-1553-connector-clamp-solder-attachment-bend-relief-30-02003-lc-twc-78-1-od-.150-inch-lccn10-06570-231-p.aspx>

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L-com CAD Drawing



ZONE		REVISION		DATE		CHANGED BY		APPROVED	
A	REV	DESCRIPTION	INITIAL RELEASE	07/28/2023	SREITER	07/28/2023	SREITER	EKIM	

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5  
SCALE NONE  
SHEET 1 OF 1

DESCRIPTION: 78 OHM TRB 3-LUG JACK 1553 CONNECTOR CLAMP/SOLDER ATTACHMENT WITH BEND RELIEF FOR 30-02003-LC, TWC-78-1 (OD .150")

ITEM NO. LCCN10-06570-231  
CAGE CODE 43321  
DRAWN BY SREITER

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.

TOLERANCES:  
X = ±.2 (5)  
XX = ±.005 (0.13)  
XXX = ±.001 (0.025)

FRACTIONS: XX = 1/16, XXX = 1/32

ANGLES: ±1°

CABLE LENGTH TOLERANCES:  
≤ 12 (304.8) ±.001 (0.025)  
> 12 (304.8) ≤ 60 (1524) ±.002 (0.051) / -0  
> 60 (1524) ≤ 120 (3048) ±.003 (0.076) / -0  
> 120 (3048) ±.005 (0.127) / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO MANUFACTURING VARIATIONS. DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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