

78 Ohm TRB 3-lug Jack 1553 Connector Clamp/Solder Attachment with Bend Relief for M17/176-00002 (OD .129")



LCCN10-06570-206

Configuration

- TRB 3-Lug Jack Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- M17/176-00002 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
- Vehicle High Temperature

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 M17/176-00002 \(OD .129"\) LCCN10-06570-206](#)

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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

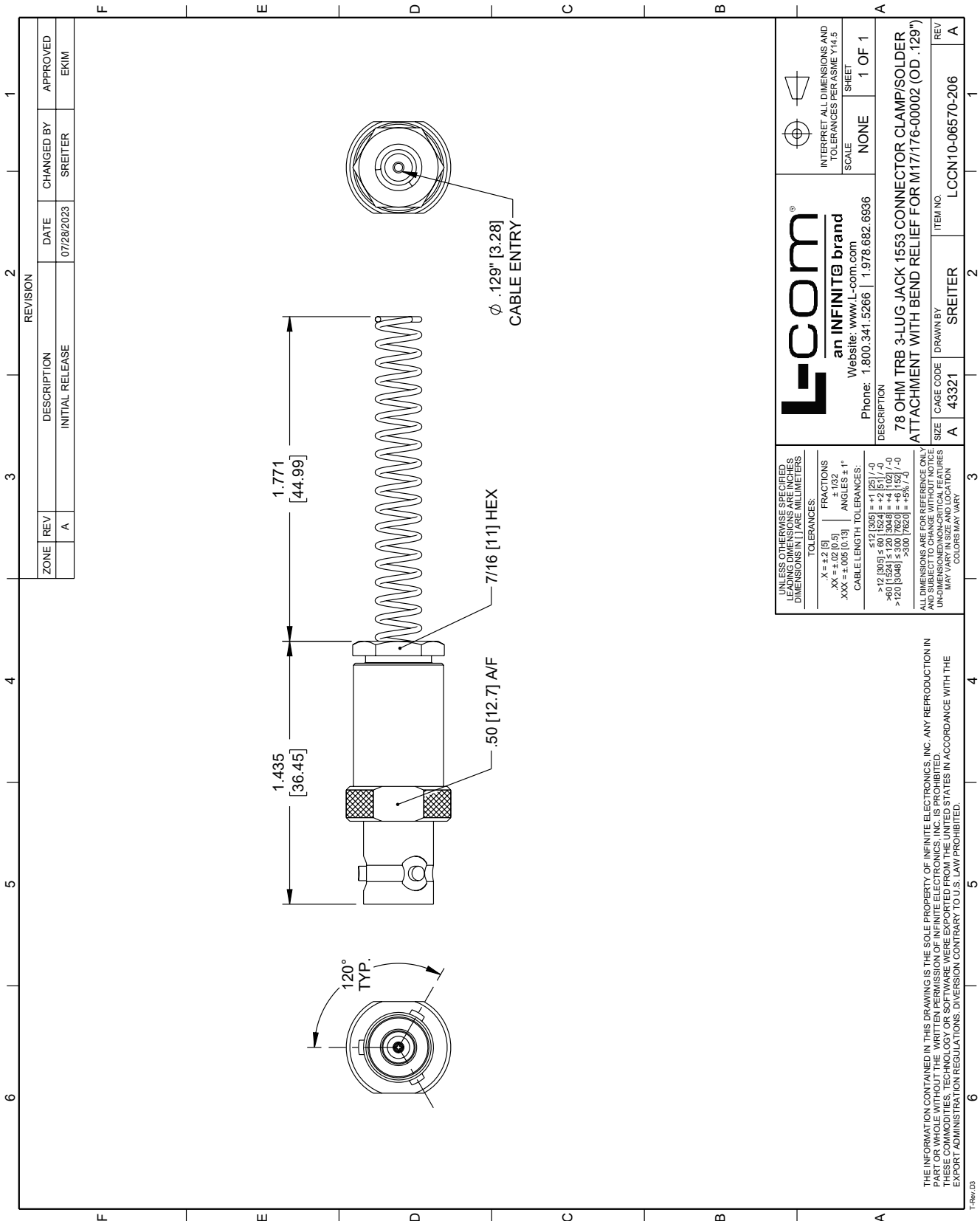
78 Ohm TRB 3-lug Jack 1553 Connector Clamp/Solder Attachment with Bend Relief for M17/176-00002 (OD .129") from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, 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 M17/176-00002 (OD .129") LCCN10-06570-206

URL: <https://www.l-com.com/78-ohm-trb-3-lug-jack-1553-connector-clamp-solder-attachment-bend-relief-m17-176-00002-od-.129-inch-lccn10-06570-206-p.aspx>

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L-com CAD Drawing



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

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

TOLERANCES:
X = ±.2 (5)
XX = ±.005 (0.13)
XXX = ±.001 (0.03)

FRACTIONS
XX = ±.005 (0.13)
ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤ 12 (3048) ±.001 (0.025)
> 12 (3048) ≤ 60 (1524) ±.002 (0.051) / -0
> 60 (1524) ≤ 120 (3048) ±.003 (0.076) / -0
> 120 (3048) ±.004 (0.102) / -0
> 300 (7620) ±.006 (0.152) / -0
> 300 (7620) ±.008 (0.203) / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS ON SPECIFIC FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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 M17/176-00002 (OD .129")

SIZE A
CAGE CODE 43321
DRAWN BY SREITER
ITEM NO. LCCN10-06570-206

REV A

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