

78 Ohm TRB 3-Slot Plug 1553 Connector Full Crimp Attachment for M17/176-00002



**LCCN10-06031-206**

**Configuration**

- TRB 3-Slot Plug Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- M17/176-00002 Interface Type
- Crimp/Crimp Attachment

**Features**

- Twinax Connectivity
- Three lug bayonet coupling

**Applications**

- Robust Design
- Ease of use
- Use in high shock and vibration environment

**Description**

These twinaxial cable plugs with TRB interface are the most popular cable plugs used in wide cable assembly applications to be used with Bus Couplers, avionics control boxes, Bus Relays, etc. This TRB plug has a bayonet coupling design with a center contact and an intermediate cylindrical contact. The bayonet type can withstand severe shocks and vibrations.

**Electrical Specifications**

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

**Mechanical Specifications**

**Size**

Length	1.29 in [32.80 mm]
Width	0.57 in [14.50 mm]
Height	0.57 in [14.50 mm]
Weight	0.06 lbs [27.22 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-Slot Plug 1553 Connector Full Crimp Attachment for M17/176-00002 LCCN10-06031-206](#)

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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**

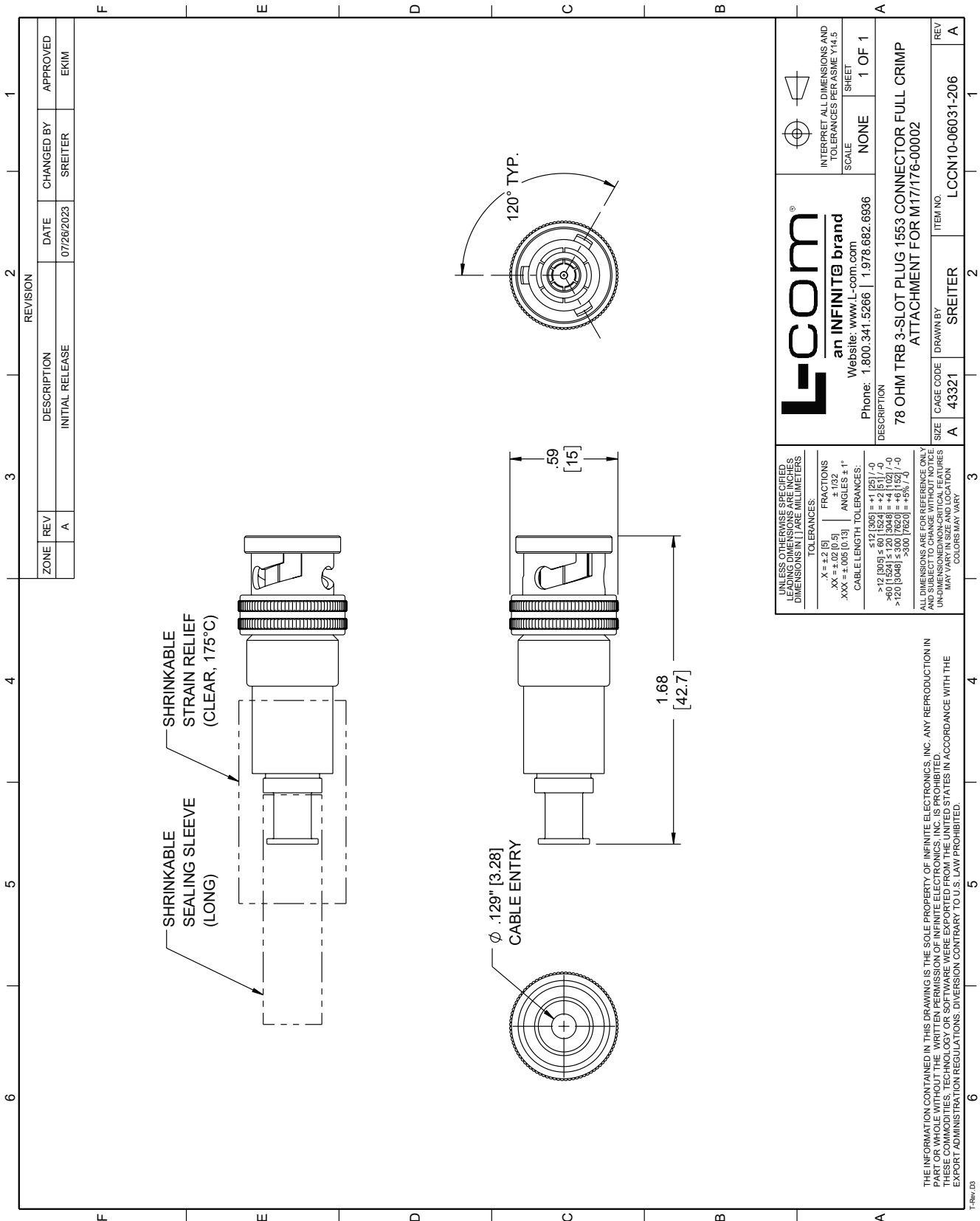
78 Ohm TRB 3-Slot Plug 1553 Connector Full Crimp Attachment for M17/176-00002 from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, 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-Slot Plug 1553 Connector Full Crimp Attachment for M17/176-00002 LCCN10-06031-206

URL: <https://www.l-com.com/78-ohm-trb-3-slot-plug-1553-connector-full-crimp-attachment-m17-176-00002-lccn10-06031-206-p.aspx>

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L-com CAD Drawing



ZONE		REVISION	
REV	DESCRIPTION	DATE	CHANGED BY
A	INITIAL RELEASE	07/26/2023	SREITER
			APPROVED
			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-SLOT PLUG 1553 CONNECTOR FULL CRIMP ATTACHMENT FOR M17/176-00002

SIZE A CAGE CODE A 43321 DRAWN BY SREITER ITEM NO. LCCN10-06031-206 REV A

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND SUBSEQUENT DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES:  
X = ±.2 [5]  
XX = ±.005 [0.13]  
XXX = ±.001 [0.025]  
ANGLES ±1°  
CABLE LENGTH TOLERANCES:  
≤ 12 [304.8] ±.001 [0.025]  
> 12 [304.8] ≤ 60 [1524] ±.001 [0.025]  
> 60 [1524] ≤ 120 [3048] ±.001 [0.025]  
> 120 [3048] ±.001 [0.025]  
DIMENSIONS ARE FOR REFERENCE ONLY AND SUBSEQUENT DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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T-Rev: 03