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78 Ohm TRB 3-Lug Jack 1553 Connector Clamp/Solder Attachment for 30-02002-LC-LC, TWAC-78-1F2

LCCN10-06575-242

Configuration

- TRB 3-Lug Jack Connector
- MIL-STD-1553
- 78 Ohms

- Straight Body Geometry
- 30-02002-LC, TWAC-78-1F2, TRB JACK Interface Type
- Clamp/Solder Attachment

Features

- Twinax Connectivity

- Three lug bayonet coupling

Applications

- Robust Design
- Ease of use

- Use in high shock and vibration environment
- Vehicle High tempature

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	1.31 in [33.40 mm]
Width	0.57 in [14.50 mm]
Height	0.57 in [14.50 mm]
Weight	0.04 lbs [19.50 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
Gasket	Rubber	

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 for 30-02002-LC-LC, TWAC-78-1F2 LCCN10-06575-242

USA & Canada **+1(800) 341-5266** | International **+1(978) 682-6936** | **l-com.com**

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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-Lug Jack 1553 Connector Clamp/Solder Attachment for 30-02002-LC-LC, TWAC-78-1F2 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 for 30-02002-LC-LC, TWAC-78-1F2 LCCN10-06575-242

URL: https://www.l-com.com/78-ohm-trb-3-lug-jack-1553-connector-clamp-solder-attachment-30-02002-lc-lc-twac-78-1f2-lccn10-06575-242-p.aspx

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L-com CAD Drawing

120° TYP.

.50 [12.7]

Ø .57 [14.5]

1.38 [35.2]

Ø .095" [2.41] CABLE ENTRY

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	07/27/2023	SREITER	EKIM

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UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
X = ±.2 [5]
.XX = ±.02 [0.5]
.XXX = ±.005 [0.13]

FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
78 OHM TRB 3-LUG JACK 1553 CONNECTOR CLAMP/SOLDER ATTACHMENT FOR 30-02002-LC, TWAC-78-1F2

DRAWN BY	ITEM NO.	REV
SREITER	LCCN10-06575-242	A

CAGE CODE		
43321		

SIZE	
A	

T-Rev_03