

Lead Free 3-Lug TRB Bulkhead Insulated Jack with Blunt for 78 Ohm 30-2001-LC, 12" Cable



LC3MSA00555-12

Configuration

- Connector 1: TRB 3-Lug Jack Bulkhead
- Connector 2: Blunt Cut Genderless
- Cable Type: 30-2001-LC

Features

- MIL-STD-1553
- -20°C to +75°C
- 78 ohms

Applications

- MIL-STD-1553
- Data

Description

L-com's LC3MSA00555-12 is a lead free 3-Lug TRB bulkhead insulated jack with blunt for 78 Ohm 30-2001-LC, 12" cable and ships same-day. These flexible RF cable assemblies are ideal for applications where flexure is required. Our L-com TRB 3-Lug to Blunt Cut cable assembly has a jack to genderless gender configuration with 78 Ohm flexible 30-2001-LC series coax and operates to 400 MHz. L-com's RF cable assembly with TRB 3-Lug bulkhead interface enables system designers to have external connections on their product enclosures or to be used for other rack mount and panel mount applications.

Custom versions of this TRB 3-Lug jack to TRB 3-Lug genderless cable, along with the rest of L-com's other RF assemblies, can also be built and shipped same day. Other available RF cable assembly value added services from L-com include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly. Contact a sales representative for testing or custom RF cable quotes. Part number LC3MSA00555-12 L-com Lead Free 3-Lug TRB Bulkhead Insulated Jack with Blunt for 78 Ohm 30-2001-LC, 12" Cable data sheet PDF includes details of the RF product specifications, CAD drawing(s) and dimensions below.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		400	MHz
Capacitance		19.7 [64.63]		pF/ft [pF/m]
Operating Voltage (AC)			1,000	Vrms

Insertion Loss (Typ.)

Mechanical Specifications

Cable Assembly

- Length* 12 in [304.8 mm]
- Weight 0.094 lbs [42.64 g]

Cable

- Cable Type 30-2001-LC
- Impedance 78 Ohms
- Inner Conductor Type Stranded
- Inner Conductor Material and Plating Copper, Silver
- Dielectric Type PE

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Shield Layer 1	Silver Plated Copper
Jacket Material	PVC, Blue
One Time Minimum Bend Radius	2.42 in [61.47 mm]

Connectors

Description	Connector 1	Connector 2
Type	TRB 3-Lug Jack Bulkhead	Blunt Cut Genderless
Impedance	78 Ohms	78 Ohms
Contact Material and Plating	Bronze, Gold 30 micro inches	
Contact Plating Specification	ASTM-B-488	
Dielectric Type	Teflon	
Outer Conductor Material and Plating	Phosphor Bronze, Gold	
Outer Conductor Plating Specification	30 micro inches	
Body Material and Plating	Brass, Nickel	
Body Plating Specification	ASTM-B-733	

Environmental Specifications

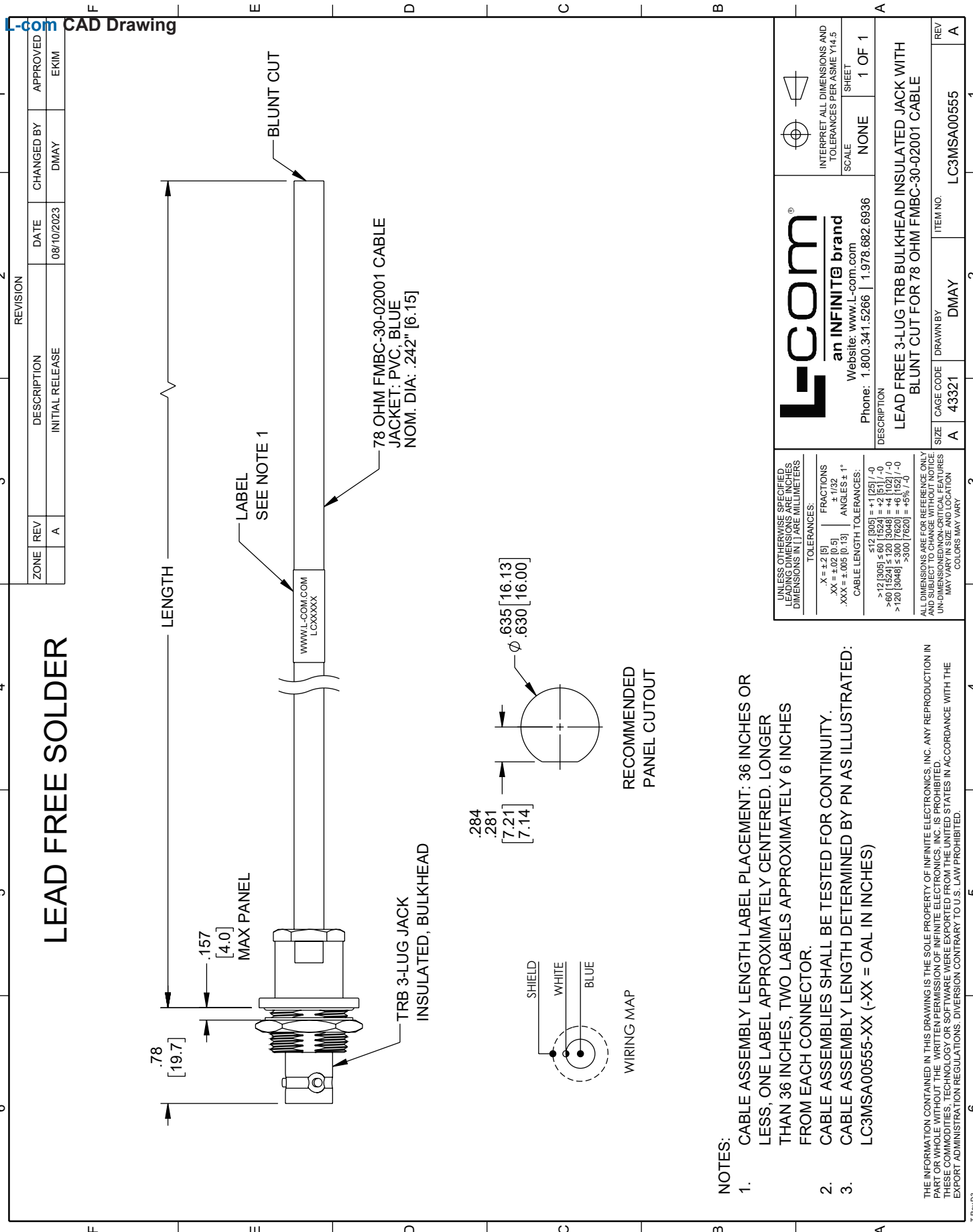
Temperature

Operating Range -20 to +75 deg C

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

Plotted and Other Data

Notes:



LEAD FREE SOLDER

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	08/10/2023	DMAY	EKIM

LENGTH

BLUNT CUT

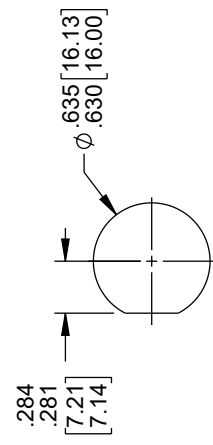
78 OHM FMBC-30-02001 CABLE
JACKET: PVC, BLUE
NOM. DIA: .242" [6.15]

WWW.L-COM.COM
LCXXXX

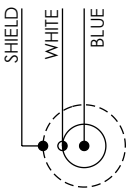
TRB 3-LUG JACK
INSULATED, BULKHEAD

MAX PANEL

LABEL
SEE NOTE 1



RECOMMENDED
PANEL CUTOUT



WIRING MAP

NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY PN AS ILLUSTRATED: LC3MSA00555-XX (-XX = OAL IN INCHES)

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE SHEET: 1 OF 1

DESCRIPTION: LEAD FREE 3-LUG TRB BULKHEAD INSULATED JACK WITH BLUNT CUT FOR 78 OHM FMBC-30-02001 CABLE

REV	REV	ITEM NO.
A	LC3MSA00555	

SIZE	DESCRIPTION	ITEM NO.
A	LC3MSA00555	