

4.3-10 Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable



TC-240-4310M-X-LC



Times Microwave Systems Connector Specification

Configuration

- 4.3-10 Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-240, LMR-240-DB, LMR-240-FR, 240-Series Interface Type
- Crimp/Solder Attachment

Features

- Designed to industry standard interface dimensions
- Quality body materials and plating
- Crimp/Solder attachment
- Operates to 6 GHz

Applications

- RF Boxes and components
- RF Test systems
- General Purpose RF Interconnect
- Laboratory applications

Description

L-com's 4.3-10 Male connector for LMR-240, LMR-240-DB, LMR-240-FR and 240-Series coax uses a Crimp/Solder attachment method. This 4.3-10 connector is one of the many RF coaxial connectors in L-com's product line up and like all our products, they will ship the same day. Our 4.3-10 Male connector operates up to a maximum frequency of 6 GHz.

The specifications and a basic dimensional drawing for TC-240-4310M-X-LC Male 4.3-10 connector can be found in this datasheet PDF. L-com's portfolio of RF and microwave connectors allows users to choose from a large number of options when building assemblies to fit their RF interconnect needs. RF cables can be created to fulfill many interconnect applications ranging from In the Box hookup, test equipment connectivity or as part of a system installation. In addition to an offering of RF connectors and coaxial cable L-com offers both standard and custom cable assemblies to fit a customer's specific needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Insulation Resistance	10,000			MOhms

Electrical Specification Notes:
Insertion Loss = 0.1 x SQRT(FGHz)

Mechanical Specifications

Mating Cycles 500Cycles

Material Specifications

Description	Material	Plating
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[4.3-10 Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable TC-240-4310M-X-LC](#)

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TC-240-4310M-X-LC



Contact	Brass	Silver 200 µin thickness
Insulation	PTFE	
Body	Brass	Tri-Metal 80 µin thickness
Coupling Nut	Brass	Tri-Metal 80 µin thickness
Gasket	Silicone	
Crimp Sleeve	Brass	Tri-Metal 80 µin thickness

Environmental Specifications

Temperature

Operating Range

-40°C to +125°C

Shock

MIL-STD 202G, Meth. 204, Cond. B

Vibration

MIL-STD 202G, Meth. 213, Cond. I

Thermal Shock

MIL-STD 202G, Meth. 107, Cond. B

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

Plotted and Other Data

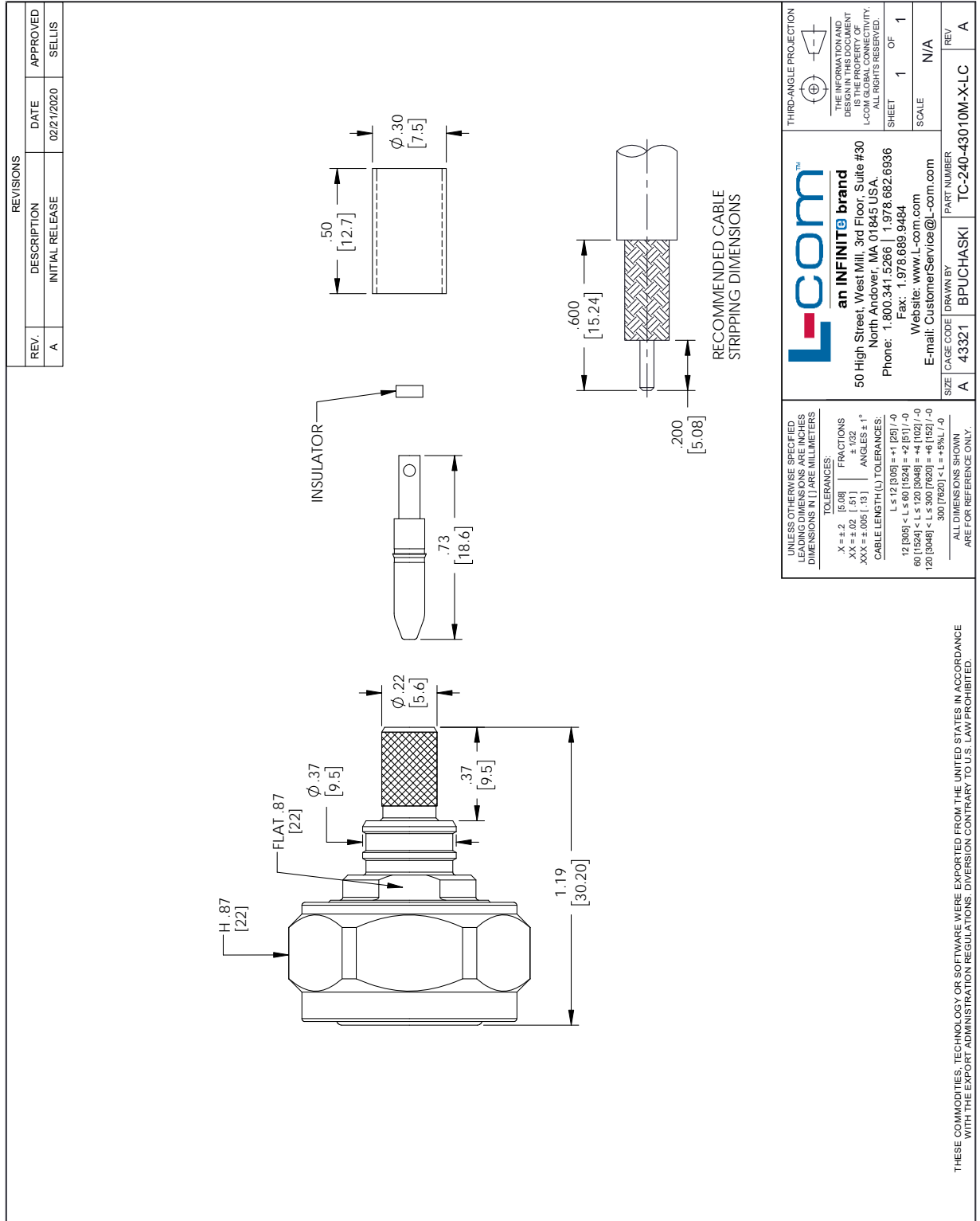
4.3-10 Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, 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: 4.3-10 Male Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-FR, and 240-Series Cable TC-240-4310M-X-LC

URL: <https://www.l-com.com/4.3-10-male-connector-crimp-solder-attachment-lmr-240-lmr-240-db-lmr-240-fr-240-series-cable-tc-240-4310m-x-lc-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document. The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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L-com CAD Drawing



L-com™
an INFINITE brand
 50 High Street, West Mill, 3rd Floor, Suite #30
 North Andover, MA 01845 USA
 Phone: 1.800.341.5266 | 1.978.682.6936
 Fax: 1.978.689.9484
 Website: www.L-com.com
 E-mail: CustomerService@L-com.com

THIRD-ANGLE PROJECTION
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 SHEET 1 OF 1
 SCALE N/A

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS.
 TOLERANCES:
 .X = ±.2 [5.08] | FRACTIONS ±.132
 .XX = ±.02 [0.51] | ANGLES ±1°
 .XXX = ±.005 [0.13]
 CABLE LENGTH (L) TOLERANCES:
 L ≤ 12 [305] = ±.1 [25] / -0
 12 [305] < L ≤ 60 [1524] = ±.2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = ±.4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = ±.6 [152] / -0
 300 [7620] < L = ±.6% L / -0
 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE [CAGE CODE] DRAWN BY PART NUMBER
 A 43321 BPUCHASKI TC-240-43010M-X-LC
 REV A