



BNC Male Right Angle Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240

RF Connectors Technical Data Sheet



TC-240-BM-RA-D

Times Microwave Systems Connector Specification

Configuration

- BNC Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.35:1
- Gold over nickel Plated Brass Contact
- 50 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

TC-240-BM-RA-D BNC male right angle coaxial connector has an interface type of BNC male LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, and PE-C240 and a 50 Ohms impedance. Pasternack's BNC male connector uses crimp/solder as an attachment method. Our male BNC right angle coaxial connector provides a maximum frequency of 6 GHz.

The Pasternack right angle BNC male coaxial connector has a PTFE dielectric type and a VSWR of 1.35:1. Pasternack's BNC coaxial connector has a brass body with tri-metal plating. Our TC-240-BM-RA-D BNC right angle connector uses a gold over nickel-plated brass contact. Additional RF connector specs and dimensions for this component can be found on its PDF specification datasheet and CAD drawings above.

The radio frequency connector is made from brass material and has a contact life of 500 cycles or more. Our high-quality TC-240-BM-RA-D features an 80 μ m minimum body plating specification. The Pasternack TC-240-BM-RA-D BNC connector operates at a temperature range of -65 to 165 deg C. The Pasternack BNC male connector has a maximum operating voltage of 500 Vrms.

This Pasternack right angle male BNC connector will ship the same business day as purchased. Our BNC right angle male connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for local, domestic, and international shipment. For further information on similar products, our expert technical support and trained sales team can get you the ideal RF connector as per your requirements.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms
Impedance		50		Ohms
Dielectric Withstanding Voltage (DC)			1,500	Vdc
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240 TC-240-BM-RA-D](#)



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Mechanical Specifications

Size

Length	1.00 in [25.40 mm]
Width	1.04 in [26.34 mm]
Height	1.04 in [26.34 mm]
Weight	0.10 lbs [45.36 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over nickel 50 µin minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 80 µin minimum
Crimp Sleeve	Brass	Tri-Metal 80 µin minimum

Environmental Specifications

Temperature

Operating Range	-65 to 165 deg C
Shock	MIL-STD 202G, Meth.213, Cond.I
Vibration	MIL-STD 202G, Meth.204, Cond.B
Thermal Shock	MIL-STD 202G, Meth.107, Cond.B

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

Plotted and Other Data

Notes:

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RF Connectors
Technical Data Sheet

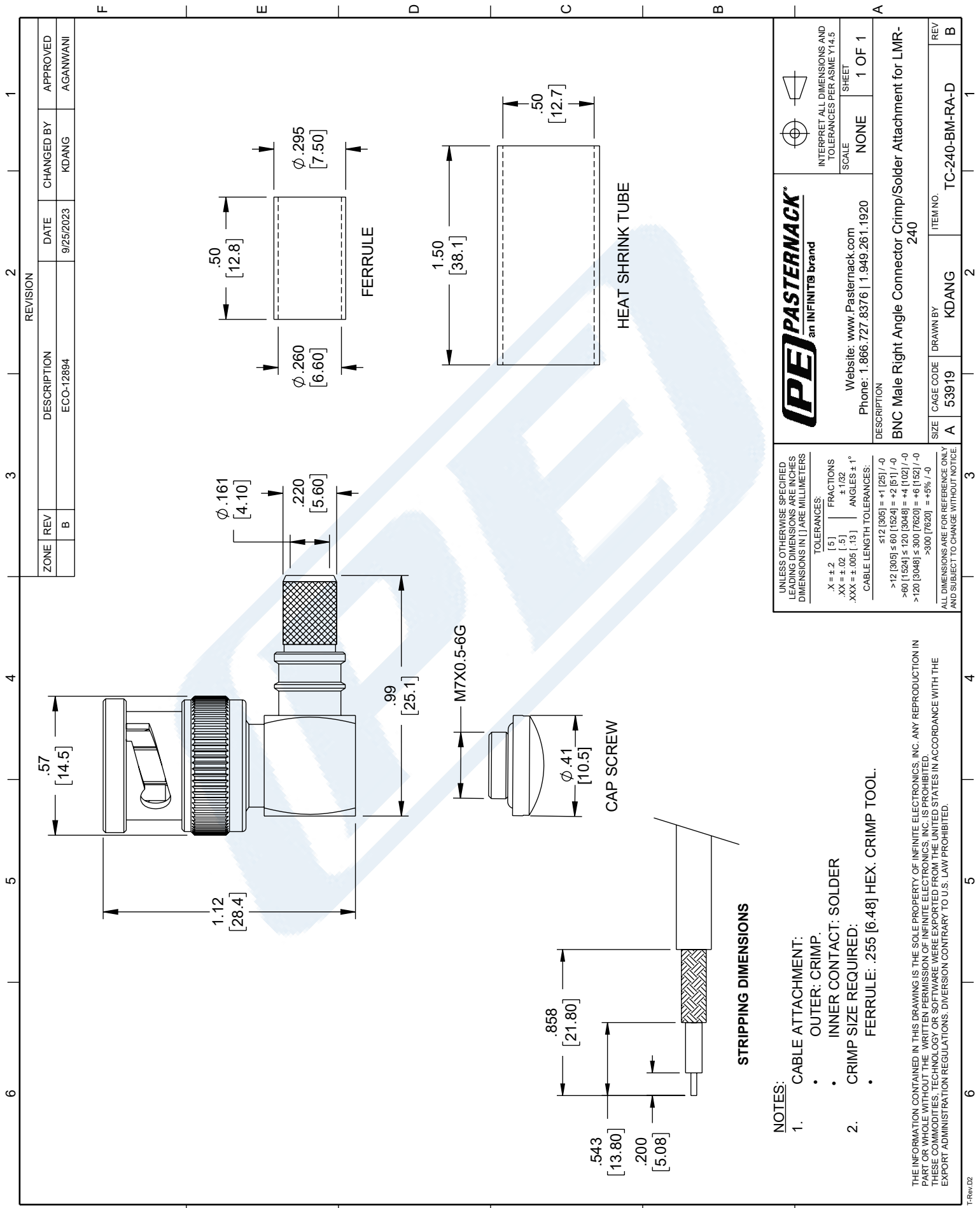
BNC Male Right Angle Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240 TC-240-BM-RA-D](https://www.pasternack.com/bnc-male-lmr-240-lmr-240-db-connector-tc-240-bm-ra-d-p.aspx)

URL: <https://www.pasternack.com/bnc-male-lmr-240-lmr-240-db-connector-tc-240-bm-ra-d-p.aspx>

The information contained in 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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

TIMES MICROWAVE SYSTEMS **TC-240-BM-RA-D CAD Drawing**
 BNC Male Right Angle Connector Crimp/Solder Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240



STRIPPING DIMENSIONS

NOTES:

- CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER CONTACT: SOLDER.
- CRIMP SIZE REQUIRED:
 - FERRULE: .255 [6.48] HEX. CRIMP TOOL.

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

TOLERANCES:

X = ± 2	[5]	FRACTIONS
.XX = ± .02	[.5]	± 1/32
.XXX = ± .005	[.13]	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



Website: www.Pasternack.com
 Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION

BNC Male Right Angle Connector Crimp/Solder Attachment for LMR-240

SIZE	A	CAGE CODE	53919	DRAWN BY	KDANG	ITEM NO.	TC-240-BM-RA-D	REV	B
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
 SCALE NONE
 SHEET 1 OF 1