



TNC Female Connector Crimp/Non-Solder Contact
Attachment for LMR-240, LMR-240-DB, LMR-
240-UF, LMR-240-FR, RG8X, PE-C240

RF Connectors
Technical Data Sheet



EZ-240-TF-X

Times Microwave Systems Connector Specification

Configuration

- TNC Female Connector
- 50 Ohms
- Straight 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 1.3:1
- Tri-Metal Plated Brass Contact
- 80 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

EZ-240-TF-X QMA female coaxial connector has an interface type of QMA female LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, and PE-C240 and a 50 Ohms impedance. Pasternack's QMA female connector uses crimp/non-solder contact as an attachment method. Our female QMA coaxial connector provides a maximum frequency of 6 GHz.

The Pasternack QMA female coaxial connector has a PTFE dielectric type and a VSWR of 1.3:1. Pasternack's QMA coaxial connector has a brass body with tri-metal plating. Our EZ-240-TF-X QMA connector uses a tri-metal 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 EZ-240-TF-X features an 80 μ m minimum body plating specification. The Pasternack EZ-240-TF-X QMA connector operates at a temperature range of -55 to 155 deg C.

This Pasternack female QMA connector will ship the same business day as purchased. Our QMA female 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			1.3:1	
Insertion Loss			0.24	dB
Impedance		50		Ohms
Insulation Resistance	5,000			MOhms

Electrical Specification Notes:
Insertion Loss is $0.1 \times \sqrt{\text{fGHz}}$ dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Connector Crimp/Non-Solder Contact Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240 EZ-240-TF-X](#)



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Mechanical Specifications

Size	
Length	1.07 in [27.18 mm]
Width	0.44 in [11.13 mm]
Height	0.44 in [11.13 mm]
Weight	0.10 lbs [45.36 g]
Mating Cycles	500 Cycles
Cable Retention Force	200 lbs 90.72 kg

Material Specifications

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

Environmental Specifications

Temperature	
Operating Range	-55 to +155 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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TNC Female Connector Crimp/Non-Solder Contact 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: [TNC Female Connector Crimp/Non-Solder Contact Attachment for LMR-240, LMR-240-DB, LMR-240-UF, LMR-240-FR, RG8X, PE-C240 EZ-240-TF-X](https://www.pasternack.com/tnc-female-lmr-240-lmr-240-db-connector-ez-240-tf-x-p.aspx)

URL: <https://www.pasternack.com/tnc-female-lmr-240-lmr-240-db-connector-ez-240-tf-x-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.

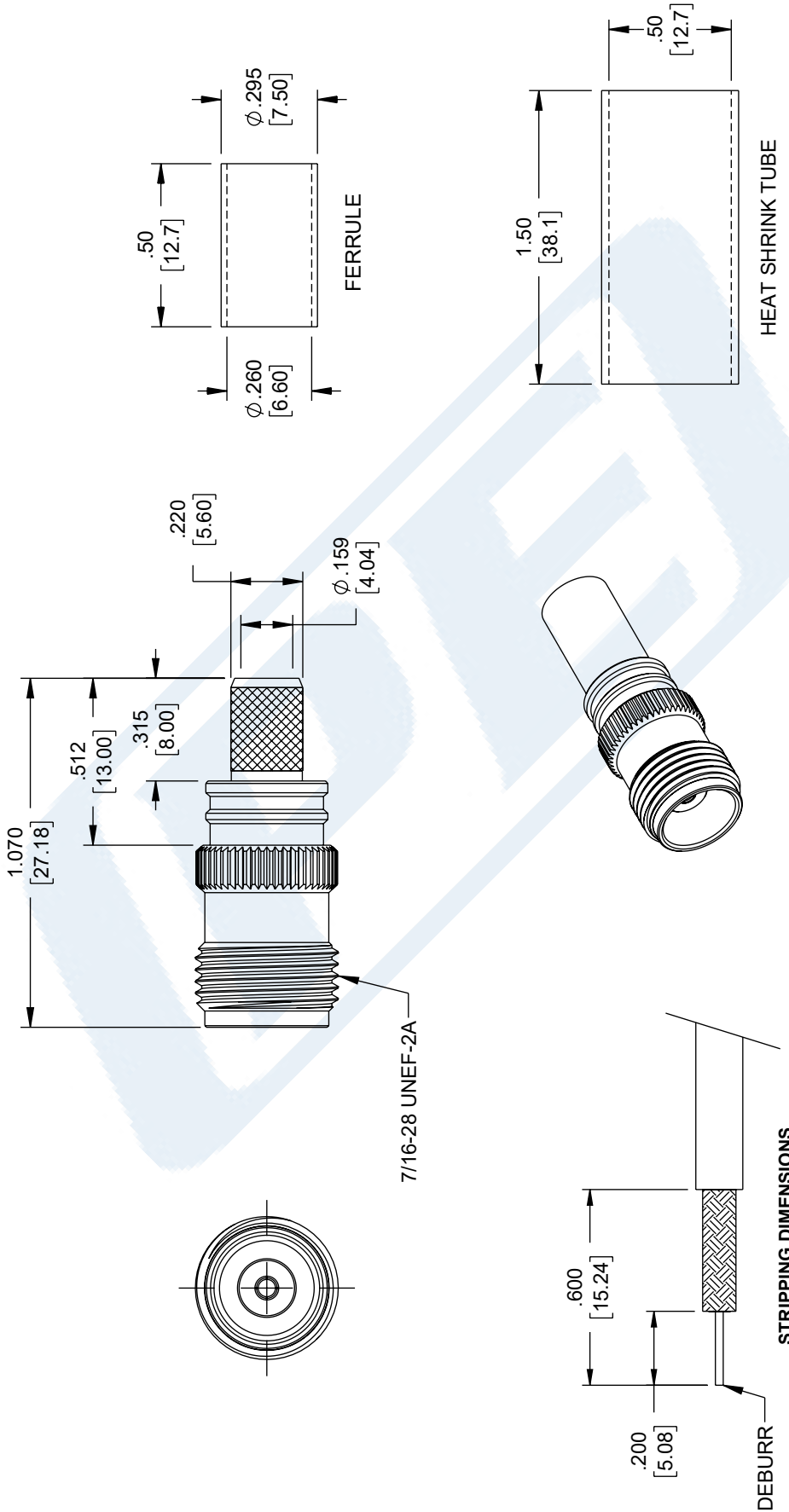
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ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	5/8/2023	KDANG	AGANWANI



PE PASTERNAK an INFINITI® brand		Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920	INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
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		DESCRIPTION TNC Female Connector Crimp/Non-Solder Contact Attachment for LMR-240	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	KDANG	EZ-240-TF-X
REV			
A			

NOTES:

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

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