



QMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240, PE-C240

RF Connectors Technical Data Sheet

EZ-240-QM-RA-X

Configuration

- QMA Male Connector
- 50 Ohms
- Right Angle Body Geometry

- Connector Interface Types: LMR-240, PE-C240, LMR-240-UF

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1

- Gold Plated Beryllium Copper Contact
- 50 μ inches minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Times Microwave's EZ-240-QM-RA-X QMA male right angle connector offered by Pasternack with crimp/non-solder contact attachment for Times' LMR-240, PE-C240 and LMR-240-UF is part of our full line of RF components available for same-day shipping. Times Microwave's QMA male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. Its right angle body geometry allows for easier connections in tight spaces.

Times Microwave's QMA male right angle connector EZ-240-QM-RA-X datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Insertion Loss			0.25	dB
Dielectric Withstanding Voltage (DC)			1,000	Vdc
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Weight	0.027 lbs [12.25 g]
Mating Cycles	100 Cycles
Cable Retention Force	250 lbs [113.4 kg]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240, PE-C240 EZ-240-QM-RA-X](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 μ inches minimum
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 80 μ inches minimum
Body	Brass	Tri-Metal 80 μ inches minimum

Environmental Specifications

Temperature

Operating Range

Shock

Vibration

Altitude

-40 to +125 deg C

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

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

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

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

Plotted and Other Data

Notes:

QMA Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-240, 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.

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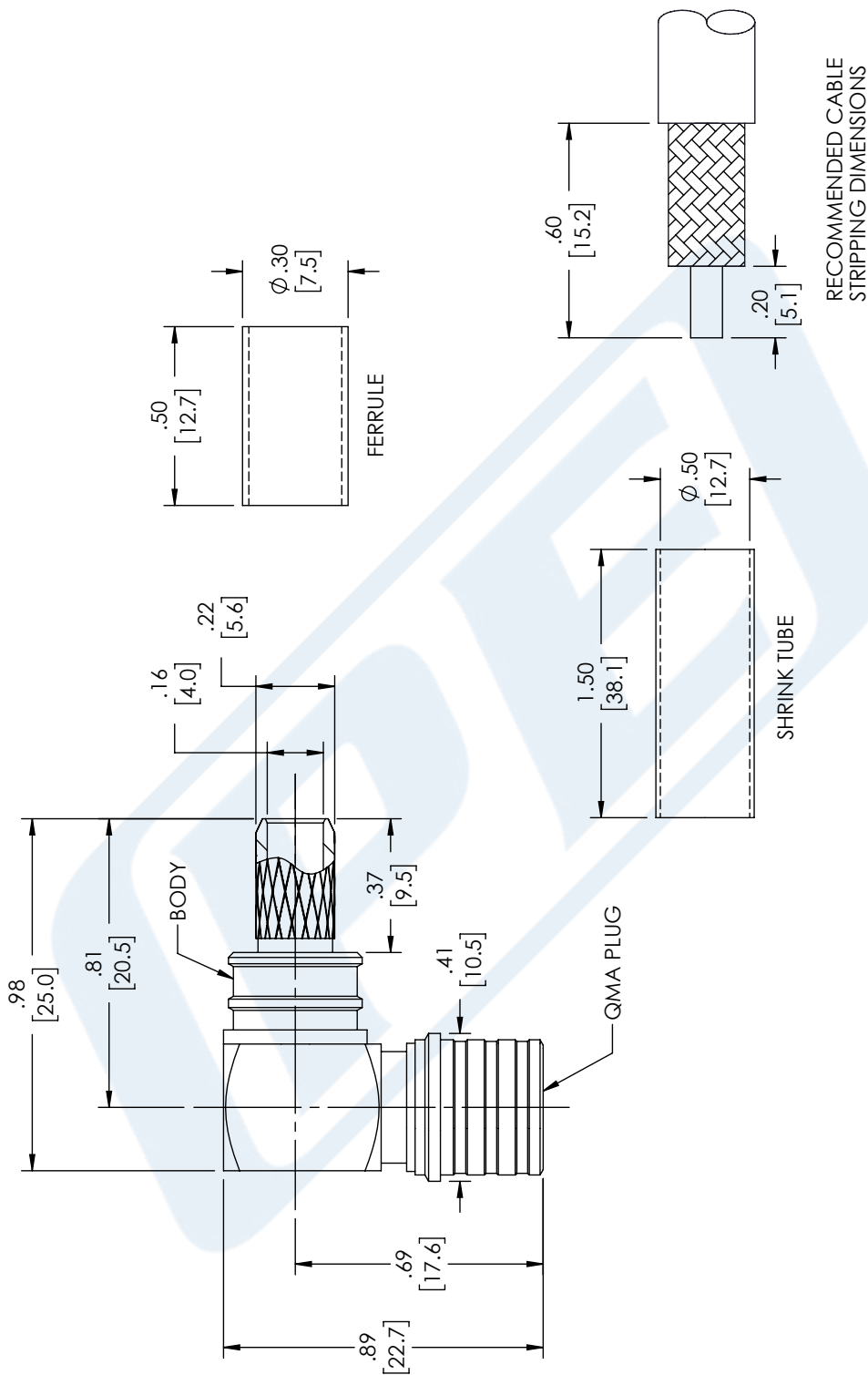
URL: <https://www.pasternack.com/qma-male-lmr-240-pe-c240-connector-ez-240-qm-ra-x-p.aspx>

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.

EZ-240-QM-RA-X CAD Drawing

QMA Male Right Angle Connector Crimp/Non-Solder
Contact Attachment for LMR-240, PE-C240

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C	UPDATE MODEL/DIMENSIONS	3/7/22	RDELEON



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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: X = ± .2 [5.08] XX = ± .02 [.51] XXX = ± .005 [.13] CABLE LENGTH (L) TOLERANCES: L ≤ 12 [305] = ± .1 [2.5] / -0 12 [305] < L ≤ 60 [1524] = ± .2 [5.1] / -0 60 [1524] < L ≤ 120 [3048] = ± .4 [10.2] / -0 120 [3048] < L ≤ 300 [7620] = ± .6 [15.2] / -0 300 [7620] < L = +5% / -0 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.		SHEET 1 OF 1 SCALE N/A	
SIZE A CAGE CODE 53919 DRAWN BY HBAKKE ITEM NO. EZ-240-QM-RA-X		REV C	

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