



QMA Male Connector Solder Attachment for
PE-SR402AL, PE-SR402FL, RG402

TECHNICAL DATA SHEET

PE44496

Configuration

Connector	QMA Male
Connector Specification	QLF
Connector Interface Type	PE-SR402AL, PE-SR402FL, RG402
Attachment Method (Shield/Contact)	Solder/Non-Solder Contact
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 18 GHz
Impedance	50 Ohms
Maximum Operating Voltage	335 Volts
Dielectric Withstanding Voltage	1,000 Vrms

Frequency 1

Frequency	DC to 3 GHz
VSWR	1.05:1
Insertion Loss	0.086 dB

Frequency 2

Frequency	3 to 6 GHz
VSWR	1.12:1
Insertion Loss	0.12 dB

Mechanical Specifications

Temperature

Operating Range	-40 to +85 deg C
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Size

Length	0.67 in [17.02 mm]
Width/Dia.	0.41 in [10.41 mm]
Weight	0.006 lbs [2.72 g]

Connector

Type	QMA Male
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	50µ in. minimum
Outer Conductor Material and Plating	Bronze, Tri-Metal
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	157µ in. minimum
Body Material and Plating	Brass, Gold
Body Plating Specification	5µ in. minimum
Dielectric Type	PTFE

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QMA Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 PE44496](#)



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Plotted and Other Data

Notes:

- Values at +25 °C, sea level

QMA Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

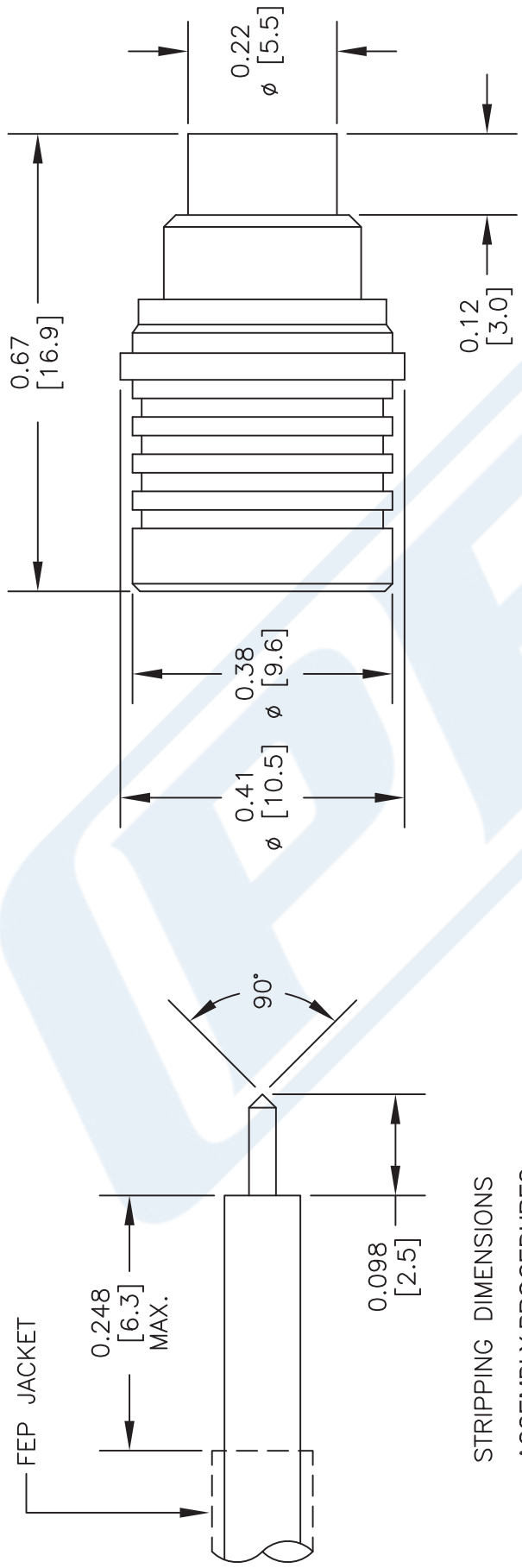
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QMA Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 PE44496](#)

URL: <http://www.pasternack.com/qma-male-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe44496-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.

PE44496 CAD Drawing

QMA Male Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402



STRIPPING DIMENSIONS ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SLIDE CABLE INTO CONNECTOR INSURING CENTER CONDUCTOR MATES WITH CENTER PIN.
3. OUTER CONDUCTOR BOTTOMS OUT WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE44496

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

**PASTERNAK®**
THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

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SCALE N/A

SIZE A

2233