



N Male Low PIM Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402

RF Connectors Technical Data Sheet

PE45002

Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 Interface Type
- Solder/Solder Attachment
- 3/4 inch Hex
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.2:1
- PIM levels lower than -160 dBc
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies
- Wireless Communications
- Low PIM Applications

Description

Pasternack's PE45002 type N male low PIM connector with solder/solder attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN and RG402 is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.2:1. The type N male connector also has low passive intermodulation of -160 dBc.

Our type N male connector PE45002 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			1.2:1	
Passive Intermodulation at 1,800 MHz			-160	dBc

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.15:1	1.2:1				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Low PIM Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, RG402 PE45002](#)



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Mechanical Specifications

Size

Length	0.96 in [24.38 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.064 lbs [29.03 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Silver

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

Plotted and Other Data

Notes:

N Male Low PIM Connector Solder Attachment for PE-SR402AL, PE-SR402FL, PE-SR402FLJ, PE-SR402TN, 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.

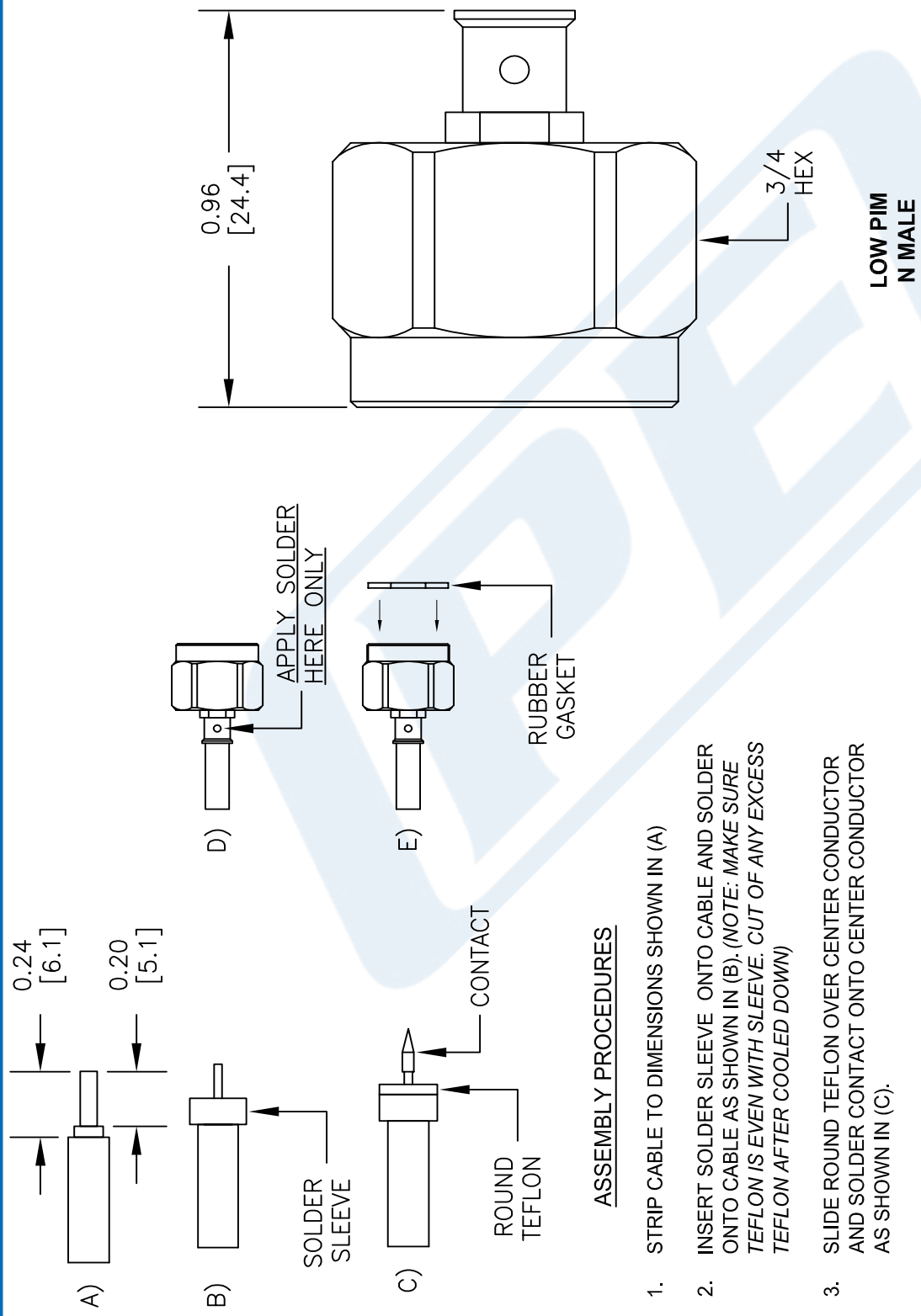
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URL: <https://www.pasternack.com/n-male-standard-rg402-pe-sr402fl-connector-pe45002-p.aspx>

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.

PE45002 CAD Drawing

N Male Low PIM Connector Solder Attachment for PE-SR402AL,
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ASSEMBLY PROCEDURES

1. STRIP CABLE TO DIMENSIONS SHOWN IN (A)
2. INSERT SOLDER SLEEVE ONTO CABLE AND SOLDER ONTO CABLE AS SHOWN IN (B). (NOTE: MAKE SURE TEFLON IS EVEN WITH SLEEVE. CUT OF ANY EXCESS TEFLON AFTER COOLED DOWN)
3. SLIDE ROUND TEFLON OVER CENTER CONDUCTOR AND SOLDER CONTACT ONTO CENTER CONDUCTOR AS SHOWN IN (C).
4. SLIDE BODY ONTO SOLDER SLEEVE, TEFLON, CONTACT AND SOLDER UNTIL HOLE IS FILLED AS SHOWN IN (D). (NOTE: APPLY SOLDER THROUGH SOLDER HOLE ONLY)
5. INSERT (E) RUBBER GASKET INTO CONNECTOR AS SHOWN IN (E)

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].

DWG TITLE
PE45002

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 031414



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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