



## N Male Precision Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402

### RF Connectors Technical Data Sheet

**PE4140**

#### Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- PE-SR402AL, PE-SR402FL, RG402 Interface Type
- Solder/Solder Attachment
- Precision Design

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
VSWR			1.5:1	
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 8					GHz
VSWR, Max	1.35:1					

#### Mechanical Specifications

##### Size

Length

0.965 in [24.51 mm]

Width/Dia.

0.827 in [21.01 mm]

Weight

0.082 lbs [37.19 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Precision Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 PE4140](#)



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#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30μ in. minimum
Insulation	Teflon	
Body	Brass	Gold 30μ in. minimum
Coupling Nut	Brass	Nickel 100 μ in. minimum

#### Environmental Specifications

##### Temperature

Operating Range

-65 to 165 deg C

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

REACH Compliant

12/17/2014

#### Plotted and Other Data

Notes:

N Male Precision 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.

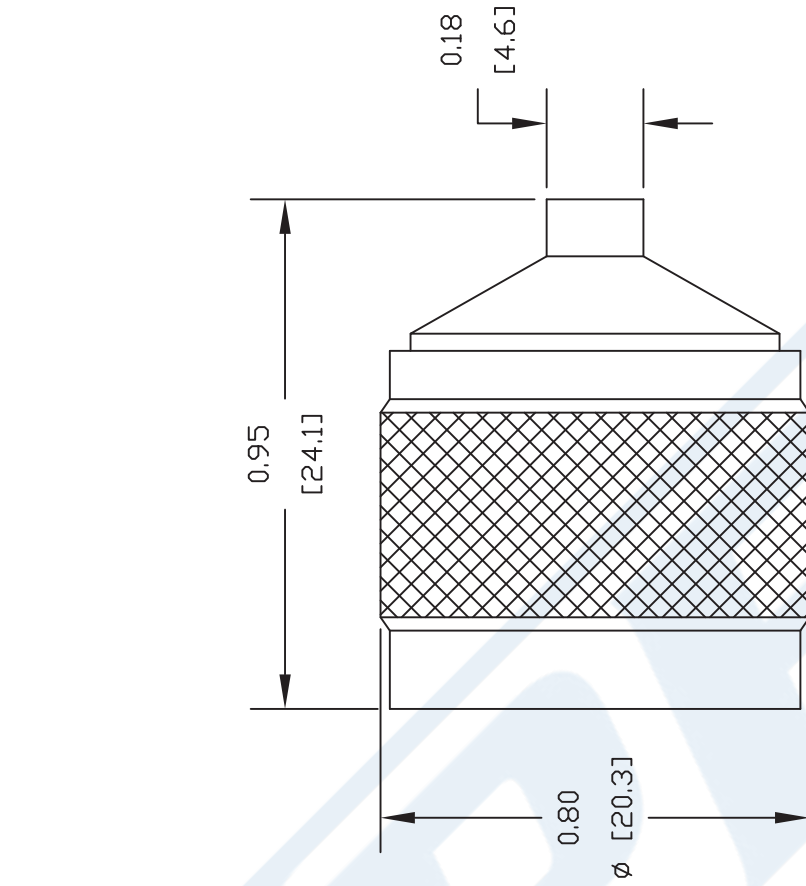
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Precision Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402 PE4140](http://www.pasternack.com/n-male-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4140-p.aspx)

URL: <http://www.pasternack.com/n-male-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4140-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.

# PE4140 CAD Drawing

N Male Precision Connector Solder Attachment for PE-SR402AL, PE-SR402FL, RG402



A

B

## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER CONDUCTOR.
2. SHIM CONTACT AS SHOWN IN (B) & SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR IS FLUSH WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

**PE4140**

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.

**PE PASTERNAK®**  
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SCALE N/A

SIZE A

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