



## N Male Low PIM For RG402, PE-SR402FL

### TECHNICAL DATA SHEET

PE45002

#### Configuration

|                          |                   |
|--------------------------|-------------------|
| Connector                | N Male            |
| Connector Interface Type | RG402, PE-SR402FL |
| Connector Design         | Low PIM           |
| Body Style               | Straight          |

#### Electrical Specifications

|                                                |             |
|------------------------------------------------|-------------|
| Frequency Range                                | DC to 6 GHz |
| Impedance                                      | 50 Ohms     |
| Maximum VSWR                                   | 1.2:1       |
| Maximum Passive Intermodulation (2 x 20 Watts) | -160 dBc    |

#### Frequency 1

|           |             |
|-----------|-------------|
| Frequency | DC to 3 GHz |
| VSWR      | 1.15:1      |

#### Mechanical Specifications

##### Size

|            |                    |
|------------|--------------------|
| Length     | 0.96 in [24.38 mm] |
| Width/Dia. | 0.75 in [19.05 mm] |

##### Connector

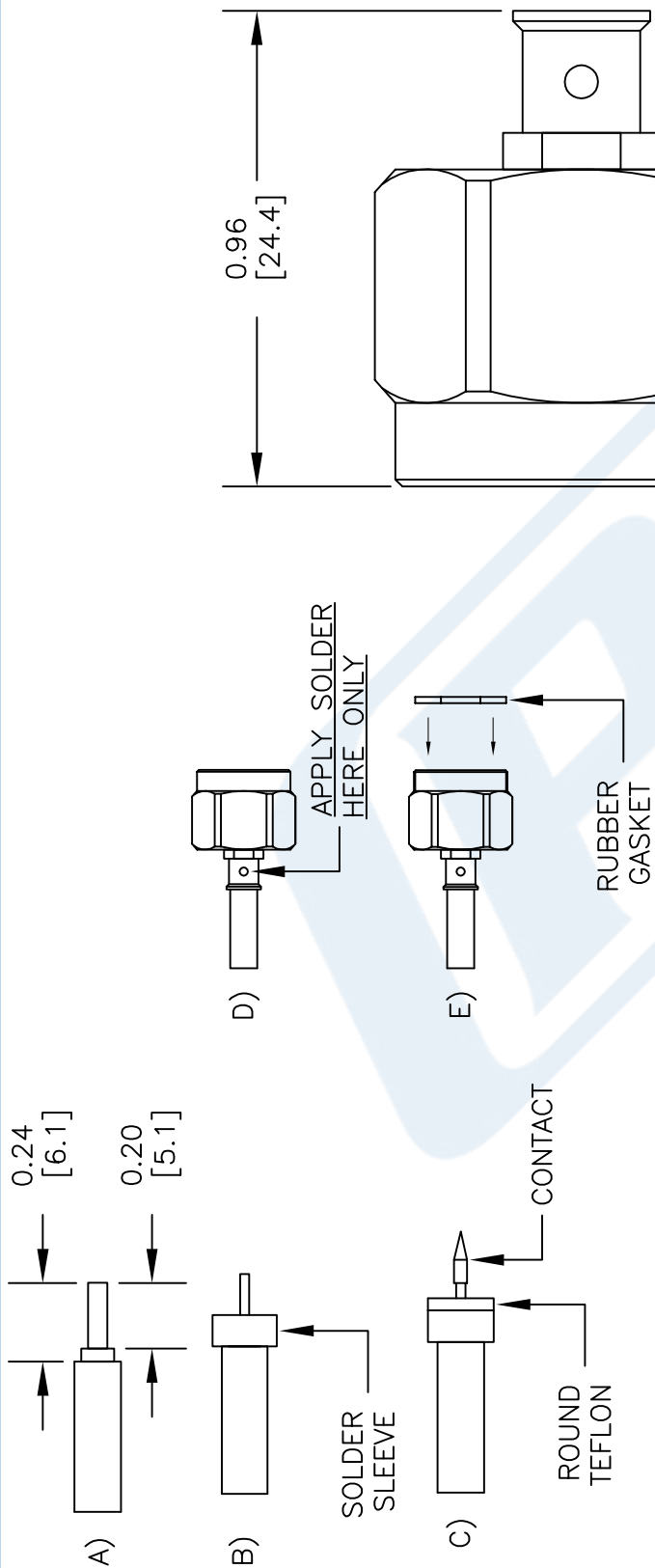
|                              |               |
|------------------------------|---------------|
| Type                         | N Male        |
| Contact Material and Plating | Brass, Silver |
| Hex Size                     | 3/4 inch      |
| Body Material and Plating    | Brass, Silver |
| Dielectric Type              | PTFE          |

#### Compliance Certifications (visit [www.Pasternack.com](http://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: [N Male Low PIM For RG402, PE-SR402FL PE45002](#)

## PE45002



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)



Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE

**PE45002**

FSCM NO. 53919

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].

CAD FILE

031414

SCALE N/A

SIZE A

2233