

SMA Female Bulkhead Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole



TECHNICAL DATA SHEET

PE4120

SMA Female Bulkhead Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole

Configuration

| | |
|--|-------------------------------|
| Connector | SMA Female |
| Connector Specification | MIL-STD-348A |
| Connector Interface Type | PE-SR402AL, PE-SR402FL, RG402 |
| Cable Attachment Method (Shield/Contact) | Solder/Solder |
| Body Style | Straight |
| Mount Method | Bulkhead |

Electrical Specifications

| | |
|---------------------------------------|----------|
| Frequency Range, GHz | DC to 18 |
| Impedance, Ohms | 50 |
| Maximum Operating Voltage, Volts | 500 |
| Dielectric Withstanding Voltage, Vrms | 1,000 |

Frequency 1

| | |
|----------------|---------|
| Frequency, GHz | DC to 6 |
| VSWR | 1.23:1 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -65 to +165 |
|------------------------|-------------|

Size

| | |
|---------------------|--------------|
| Length, in [mm] | 0.748 [19] |
| Width/Dia., in [mm] | 0.433 [11] |
| Weight, lbs [g] | 0.006 [2.72] |

Connector

| | |
|-------------------------------|------------------------|
| Type | SMA Female |
| Contact Material and Plating | Beryllium Copper, Gold |
| Contact Plating Specification | 50µ in. minimum |
| Body Material and Plating | Stainless Steel, Gold |
| Body Plating Specification | 30µ in. minimum |
| Dielectric Type | Teflon |

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

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole PE4120](#)

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.

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Plotted and Other Data

Notes:

Values at 25 °C, sea level

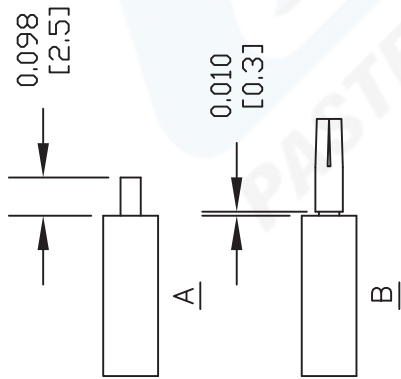
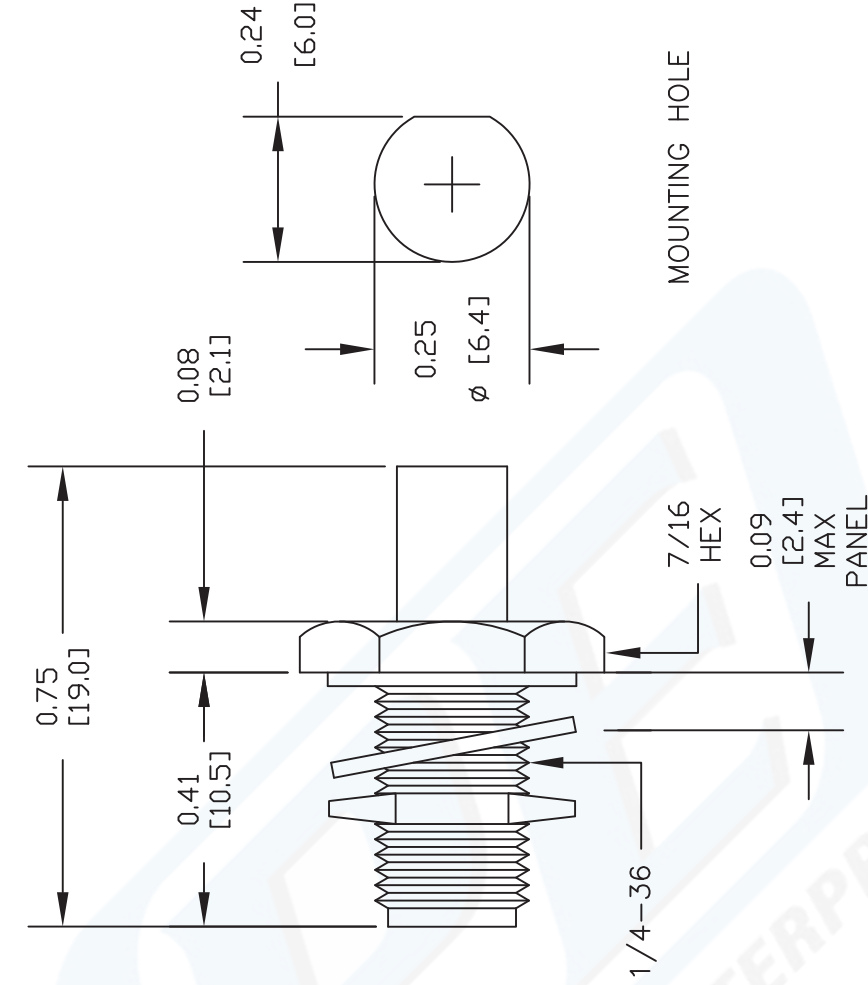
URL: <http://www.pasternack.com/sma-female-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4120-p.aspx>

SMA Female Bulkhead Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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PE4120 CAD Drawing

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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 BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE4120

- 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.

REV. A

FSCM NO. 53919

CAD FILE 073012

SCALE N/A

SIZE A

2231



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