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3.5mm Female Bulkhead Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole

TECHNICAL DATA SHEET PE4985

3.5mm Female Bulkhead Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole

Configuration

Connector	3.5mm Female
Connector Interface Type	PE-SR402AL,PE-SR402FL,RG402
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	0.865 [21.97]
Width/Dia., in [mm]	0.438 [11.13]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	3.5mm Female
Contact Material and Plating	Gold
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

3.5mm Female Bulkhead Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: 3.5mm Female Bulkhead Connector Clamp/Solder Attachment For PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole PE4985

URL: http://www.pasternack.com/3.5mm-female-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe4985-p.aspx

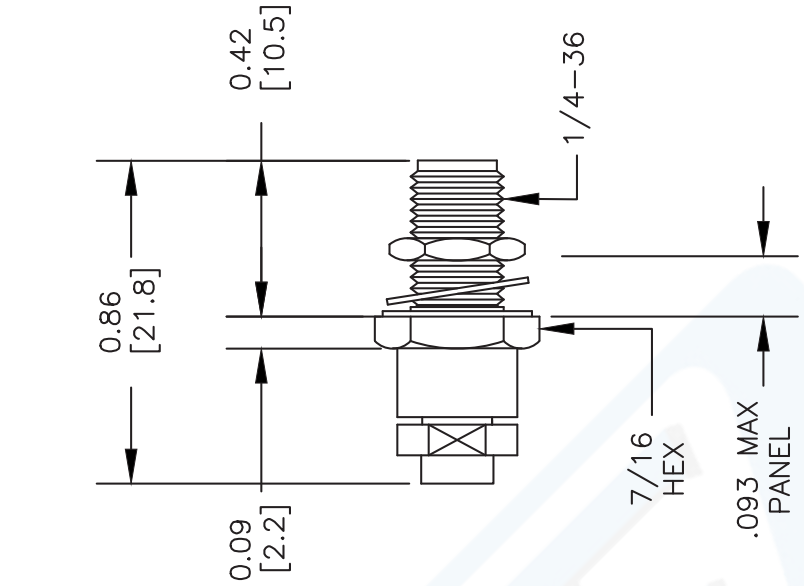
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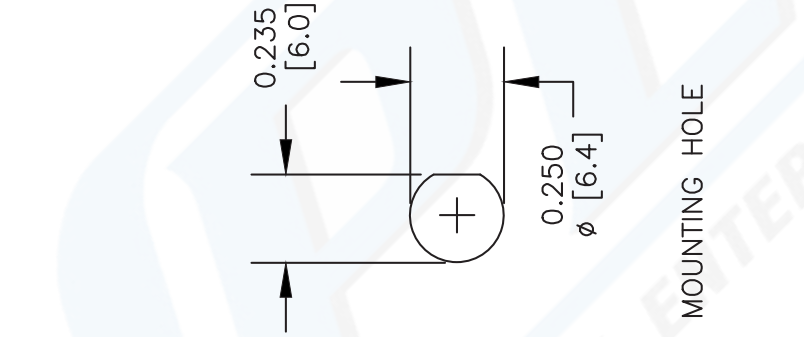
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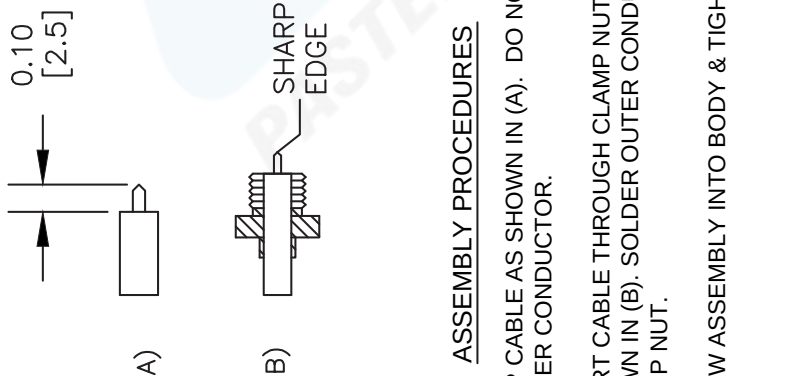
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PE4985 CAD Drawing

3.5mm Female Bulkhead Connector Clamp/Solder Attachment For
PE-SR402AL, PE-SR402FL, RG402, .235 inch D Hole







ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER CONDUCTOR.
2. INSERT CABLE THROUGH CLAMP NUT AS SHOWN IN (B). SOLDER OUTER CONDUCTOR TO CLAMP NUT.
3. SCREW ASSEMBLY INTO BODY & TIGHTEN.

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.

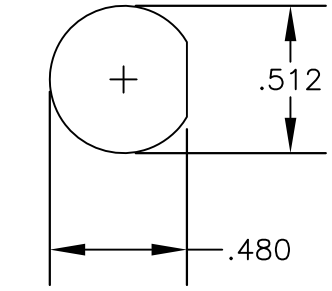
DWG TITLE	CAD FILE	SCALE	SIZE	
PE4985	011411	N/A	A	127

FSCM NO. 53919

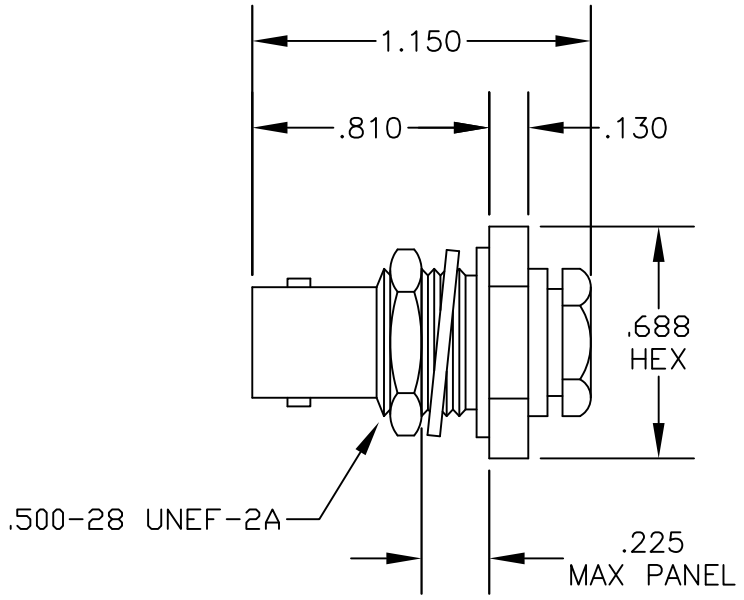
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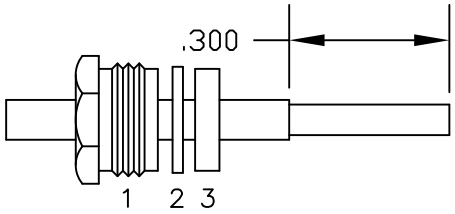
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MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE
SOLDER ADAPTER	BRASS GOLD PLATED

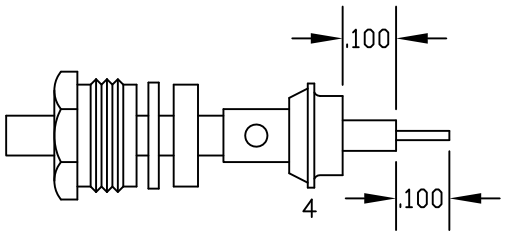


MOUNTING HOLE





ASSEMBLY (A)



ASSEMBLY (B)

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (4) OVER CABLE UNTIL ADAPTER (4) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (4) TO OUTER CONDUCTOR USING MINIMUM HEAT.
3. STRIP CABLE AS SHOWN IN ASSEMBLY (B). SOLDER CONTACT TO CENTER CONDUCTOR. SLIDE ASSEMBLY FORWARD & TIGHTEN TO BODY.

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DWG TITLE	DES.
PE4915	BNC FEMALE, BULKHEAD, SOLDER/CLAMP ATTACHMENT FOR RG402, PE-SR402AL & PE-SR402FL

REV. A	FSCM NO. 53919	CAD FILE 042210	SCALE N/A	SIZE A	147

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RG402 Tinned Coax Cable with Tinned Copper Outer Conductor

RF Cables
Technical Data Sheet

PE-SR402TN

Configuration

- Semi-Rigid Cable
- MIL-C-17
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		36	GHz
Impedance		50		Ohms
Velocity of Propagation		69.5		%

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	20			GHz
Attenuation, Typ	12	45	70			dB/100ft
	39.37	147.64	229.66			dB/100m
Input Power (CW), Max	450	120	70			Watts

Mechanical Specifications

Min. Bend Radius (Installation) 1 in [25.4 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, Strand	0.036 in 0.91 mm
Conductor Type	Solid	
Dielectric	PTFE	0.118 in [3 mm]
First Shield	Tinned Copper	

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: RG402 Tinned Coax Cable with Tinned Copper Outer Conductor PE-SR402TN

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RG402 Tinned Coax Cable with Tinned Copper Outer Conductor

RF Cables
Technical Data Sheet

PE-SR402TN

Environmental Specifications

Temperature

Operating Range	-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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URL: https://www.pasternack.com/50-ohm-semi-rigid-rg402-tinned-tinned-copper-pe-sr402tn-p.aspx

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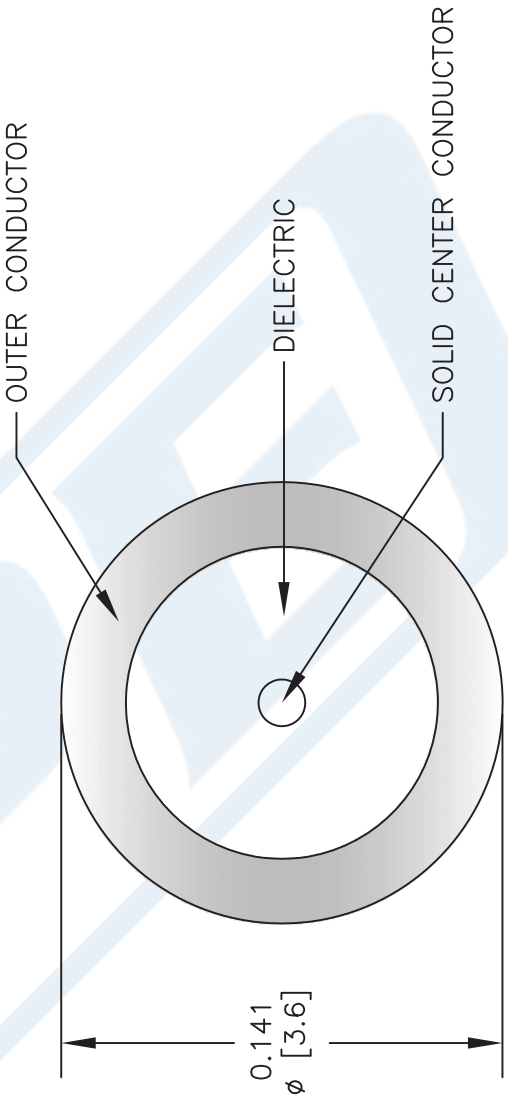
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PE-SR402TN CAD Drawing

RG402 Tinned Coax Cable with Tinned Copper Outer Conductor





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DWG TITLE	CAD FILE	SCALE	SIZE
PE-SR402TN	073113	N/A	A
FSCM NO. 53919			2233

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