SMB Plug Connector Clamp/Solder Attachment
For RG174, RG316, RG188

TECHNICAL DATA SHEET	PE4200

SMB Plug Connector Clamp/Solder Attachment For RG174, RG316, RG188

Configuration

Connector	SMB Plug
Connector Specification	MIL-STD-348A
Connector Interface Type	RG174,RG316,RG188
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum VSWR	1.46:1
Maximum Operating Voltage, Volts	375

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155

Size

Length, in [mm]	0.63 [16]
Width/Dia., in [mm]	0.25 [6]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	SMB Plug
Contact Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

URL: http://www.pasternack.com/smb-plug-standard-rg174-rg316-rg188-connector-pe4200-p.aspx

SMB Plug Connector Clamp/Solder Attachment For RG174, RG316, RG188 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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ISO 9001 : 2008 Registered

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0.25 [6,4]
Ø [6,4]

0.63 [16.0]

1/4 HEX

3

2

1

0.05 [1.3]

0.13 [3.2]

0.13 [3.2]
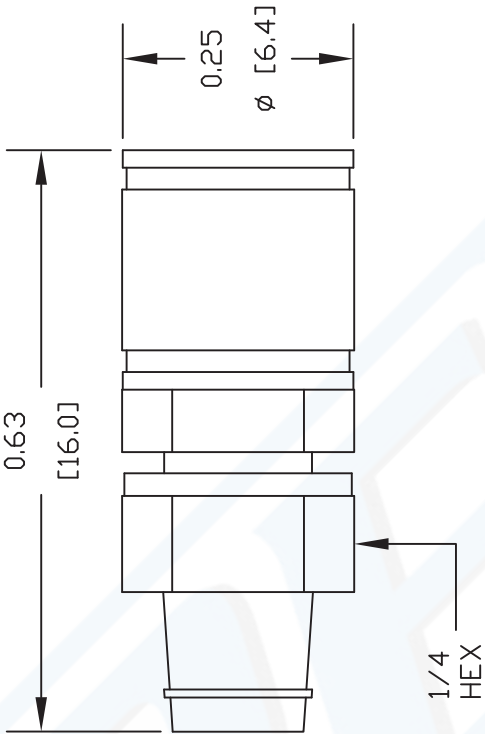
SLIT 2 PLACES
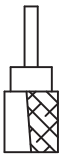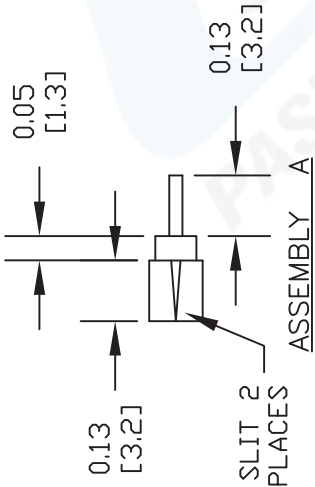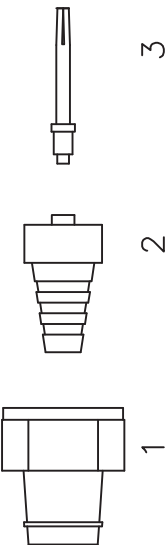
ASSEMBLY A

ASSEMBLY B

STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY A. TIN CENTER CONDUCTOR. SLIT JACKET IN 2 PLACES & REMOVE ONE SIDE OF JACKET TO END OF SLIT AS SHOWN IN ASSEMBLY B. DO NOT NICK BRAID WHEN CUTTING ONE SIDE OF JACKET.

2. INSERT WEDGE ASSEMBLY (2) BETWEEN BRAID & DIELECTRIC. CENTER CONDUCTOR MUST ENTER HOLE IN INSULATOR.

3. INSERT CONTACT (3) IN INSULATOR & SOLDER CONTACT TO CENTER CONDUCTOR. INSERT CABLE 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					
PE4200	FSCM NO. **53919**	CAD FILE 101411	SCALE N/A	SIZE A	2231
REV. A					

PE4200 REV