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



TECHNICAL DATA SHEET PE4201

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

Configuration

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

Electrical Specifications

Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	0.413 [10.49]
Width/Dia., in [mm]	0.25 [6]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	SMC Plug
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	30µ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
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/smc-plug-standard-rg174-rg316-rg188-connector-pe4201-p.aspx

SMC 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.

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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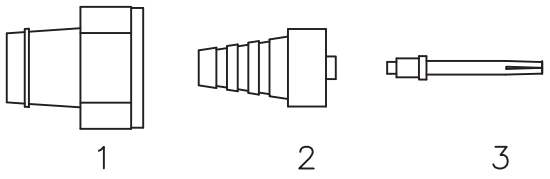
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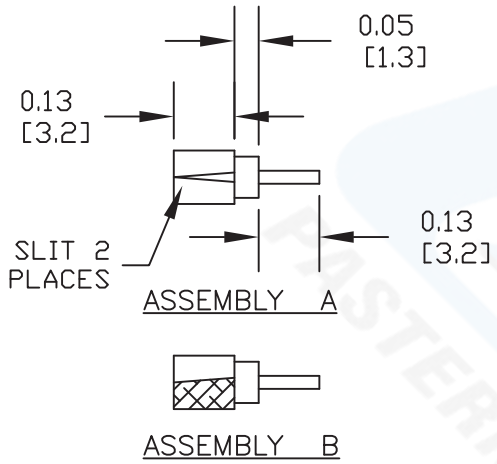
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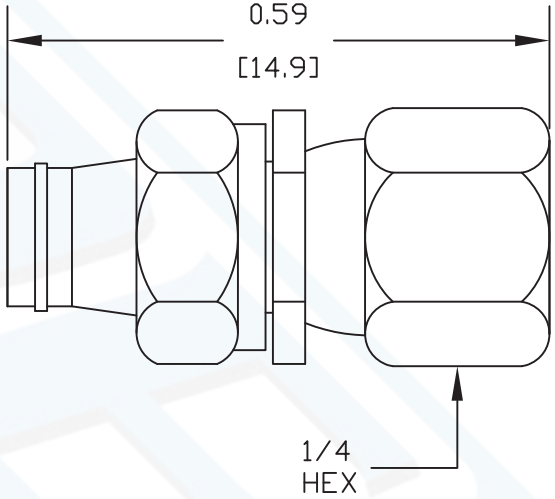
PE4201 CAD Drawing

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





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.

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DWG TITLE

PE4201

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. -	FSCM NO. 53919	CAD FILE 042309	SCALE N/A	SIZE A	147