

SMB Plug Connector Clamp/Solder Attachment For RG178, RG196



TECHNICAL DATA SHEET

PE4250

SMB Plug Connector Clamp/Solder Attachment For RG178, RG196

Configuration

Connector	SMB Plug
Connector Specification	MIL-STD-348A
Connector Interface Type	RG178, RG196
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum Operating Voltage, Volts	250
Dielectric Withstanding Voltage, Vrms	750

Frequency 1

Frequency, GHz	DC to 3
VSWR	1.42:1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	0.73 [18.54]
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
Contact Plating Specification	30µ 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
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Plotted and Other Data

Notes: Values at 25 °C, sea level

URL: <http://www.pasternack.com/smb-plug-standard-rg178-rg196-connector-pe4250-p.aspx>

SMB Plug Connector Clamp/Solder Attachment For RG178, RG196 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.

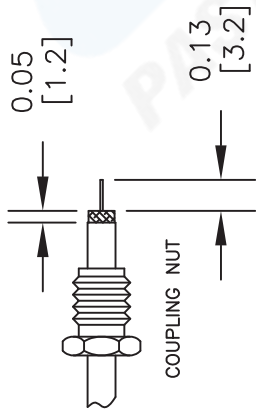
PE4250 CAD Drawing

SMB Plug Connector Clamp/Solder Attachment For RG178, RG196

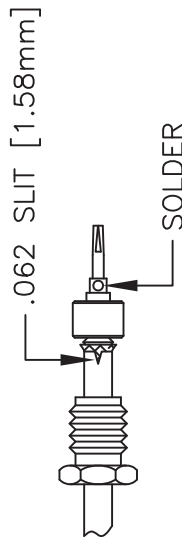


ASSEMBLY PROCEDURES

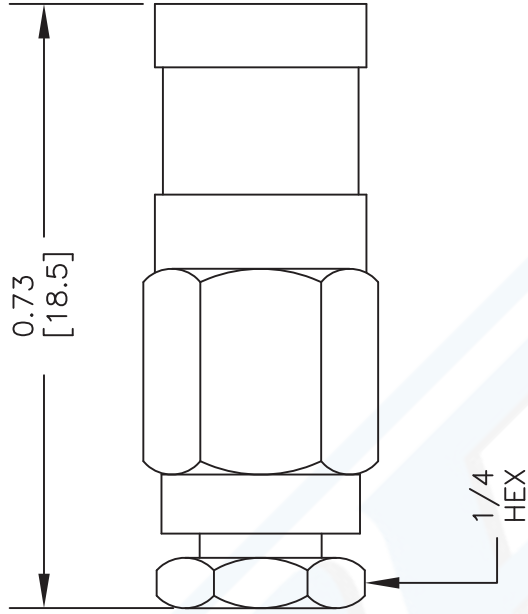
1. SLIDE CLAMP NUT OVER CABLE. STRIP CABLE AS SHOWN, DO NOT NICK CENTER CONDUCTOR. ROTATE DIELECTRIC TO FLARE BRAID.



2. SLIDE CLAMP/CONTACT ASSEMBLY OVER DIELECTRIC AND UNDER BRAID UNTIL IT STOPS AND CENTER CONDUCTOR IS VISIBLE IN THE CONTACT SIDE HOLE. JACKET MAY BE SLIT TO HELP THE ENTRY OF CLAMP, IF REQUIRED. SOLDER CONTACT TO CENTER CONDUCTOR.



3. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



DWG TITLE

PE4250

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.

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REV. B FSCM NO. 53919

CAD FILE 120911

SCALE N/A

SIZE A

2233