TECHNICAL DATA SHEET   PE4269

SMB Jack Connector Clamp/Solder Attachment For RG178, RG196

Configuration

Connector	SMB Jack
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 VSWR	1.46:1
Maximum Operating Voltage, Volts	250
Dielectric Withstanding Voltage, Vrms	750

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165

Size

Length, in [mm]	0.65 [16.51]
Width/Dia., in [mm]	0.22 [6]
Weight, lbs [g]	0.005 [2.27]

Connector

Type	SMB Jack
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-PRF-39013
Body Material and Plating	Brass, Nickel
Body Plating Specification	MIL-PRF-39013
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: SMB Jack Connector Clamp/Solder Attachment For RG178, RG196 PE4269

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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ISO 9001 : 2008 Registered

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Plotted and Other Data

Notes: Values at 25 °C, sea level

SMB Jack Connector Clamp/Solder Attachment For RG178, RG196 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.
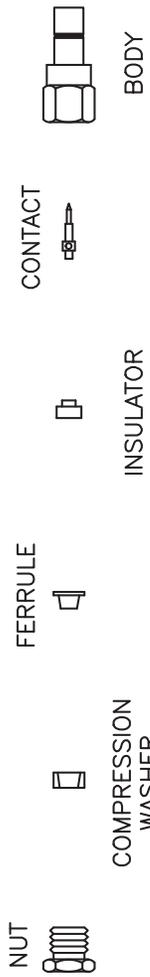
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMB Jack Connector Clamp/Solder Attachment For RG178, RG196 PE4269

URL: http://www.pasternack.com/smb-jack-standard-rg178-rg196-connector-pe4269-p.aspx

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.
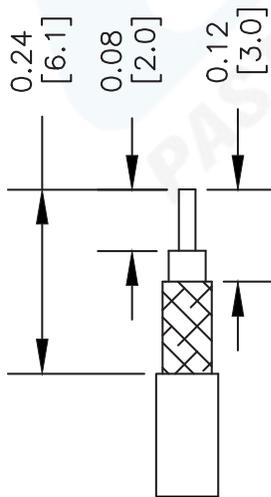
PE4269 CAD Drawing
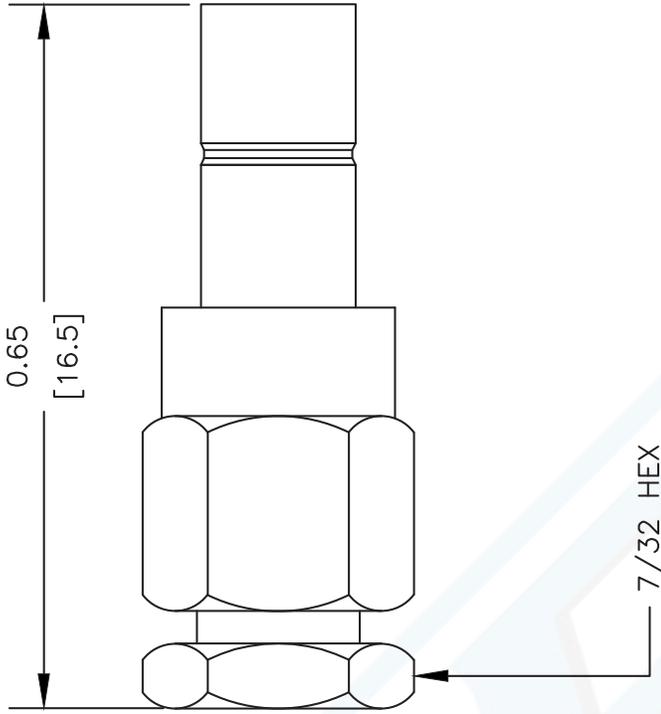## SMB Jack Connector Clamp/Solder Attachment For RG178, RG196

0.65 [16.5]

7/32 HEX

BODY

CONTACT

INSULATOR

FERRULE

COMPRESSION WASHER

NUT

ASSEMBLY PROCEDURES

1. TRIM CABLE AS SHOWN. TIN CENTER CONDUCTOR. SLIDE NUT ONTO CABLE.

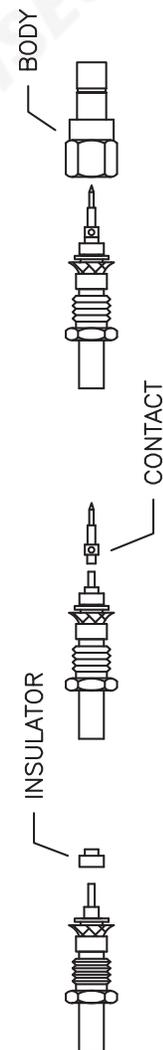0.24 [6.1]
0.08 [2.0]
0.12 [3.0]

NUT

2. SLIDE COMPRESSION WASHER OVER THE BRAID UNTIL IT BOTTOMS OUT ON THE CABLE JACKET. FAN OUT BRAID RADIALLY AGAINST THE COMPRESSION WASHER BY ROTATING THE CABLE DIELECTRIC.

COMPRESSION WASHER

3. SLIDE FERRULE ONTO CABLE, OVER DIELECTRIC AND UNDER BRAID. PUSH INTO WASHER UNTIL IT STOPS. IF NECESSARY TRIM EXCESS BRAID FLUSH WITH SURFACE OF COMPRESSION WASHER AND FLANGE OF FERRULE.

FERRULE

4. INSTALL SMALL INSULATOR OVER CABLE DIELECTRIC. SOLDER CONTACT TO CENTER CONDUCTOR. INSERT CABLE ASSEMBLY INTO BODY AND TIGHTEN.

BODY

CONTACT

INSULATOR

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		
PE4269		
FSCM NO. 53919		REV. A
CAD FILE 090808		
SCALE N/A		
SIZE A		
2233		