



SMB Jack Connector Crimp/Solder Attachment
for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45158

Configuration

Connector	SMB Jack
Connector Interface Type	RG188-DS, RG316-DS
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 4 MHz
Impedance	50 Ohms
Maximum Operating Voltage	335 Volts

Mechanical Specifications

Temperature

Operating Range	-65 to +165 deg C
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Size

Length	0.97 in [24.64 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

Connector

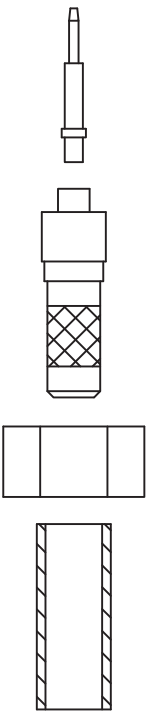
Type	SMB Jack
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30 µ in. Minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100 µ in. Minimum
Dielectric Type	PTFE

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

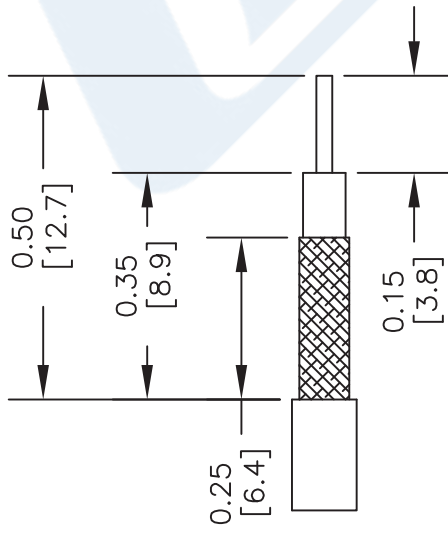
RoHS Compliant	
REACH Compliant	06/18/2012

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 Crimp/Solder Attachment for RG188-DS, RG316-DS PE45158](#)

PE45158



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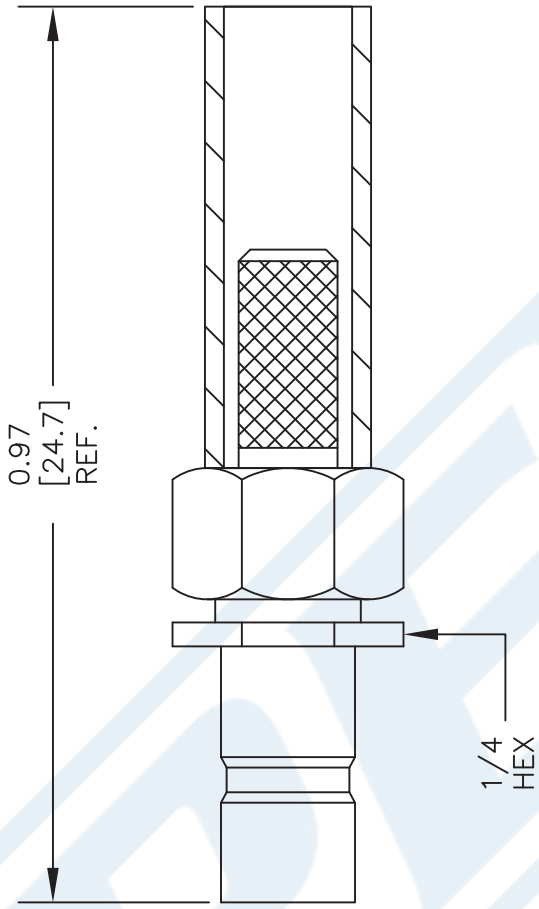
STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. SLIDE FERRULE (1) & CRIMP NUT (2) OVER CABLE. STRIP CABLE AS SHOWN. TIN CENTER CONDUCTOR.
2. FLAIR BRAID & INSERT EXTENSION (3) SLIDING UNDER BRAID. DIELECTRIC MUST SEAT AGAINST INSULATOR IN EXTENSION WITH CENTER CONDUCTOR PROTRUDING THROUGH INSULATOR.
3. SOLDER CONTACT TO CENTER CONDUCTOR. INSTALL CABLE ASSEMBLY INTO BODY & TIGHTEN.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL



1/4
HEX

DWG TITLE

PE45158

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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CAD FILE 031815

SCALE N/A

SIZE A

2233