



10-32 Male Connector Crimp/Solder
Attachment for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45170

Configuration

Connector	10-32 Male
Connector Interface Type	RG188-DS, RG316-DS
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 2 GHz
Impedance	50 Ohms
Maximum VSWR	1.3:1
Maximum Operating Voltage	335 Volts
Dielectric Withstanding Voltage	750 Vrms

Mechanical Specifications

Temperature

Operating Range	-65 to +125 deg C
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Size

Length	1.25 in [31.75 mm]
Width/Dia.	0.26 in [6.60 mm]
Weight	0.011 lbs [4.99 g]

Connector

Type	10-32 Male
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum
Hex Size	1/4 in.
Torque	3 in-lbs [0.34 Nm]
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon

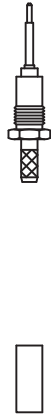
Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	
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: [10-32 Male Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45170](#)

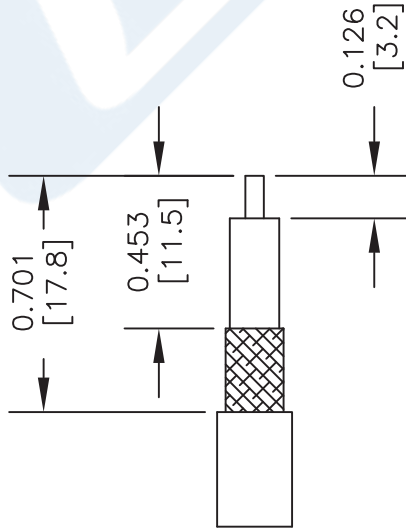
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ASSEMBLY PROCEDURES



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1. STRIP CABLE AS SHOWN & SLIDE FERRULE (1) ONTO CABLE. TIN CENTER CONDUCTOR.

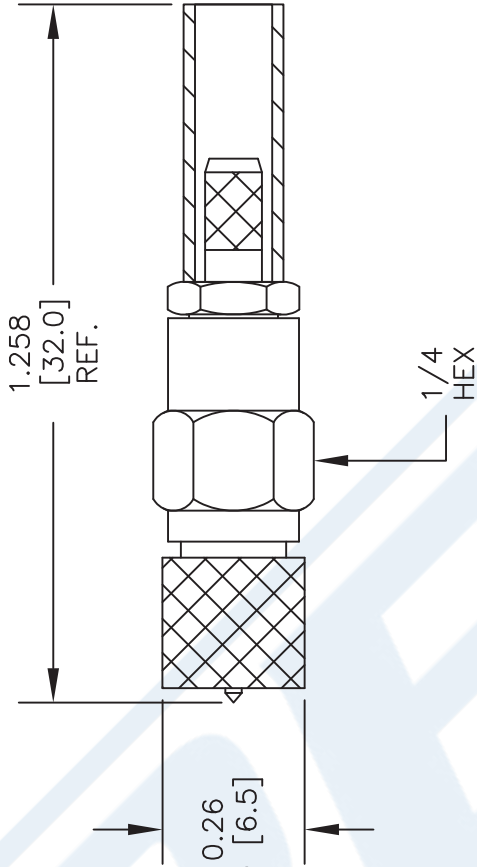


2. ADD EXTENSION (2) BY SLIDING EXTENSION BETWEEN BRAID & DIELECTRIC. SLIDE FERRULE OVER BRAID & CRIMP.

3. SOLDER CENTER CONDUCTOR THROUGH HOLE IN CONTACT. SLIDE ASSEMBLY INTO BODY & TIGHTEN.

CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL



DWG TITLE

PE45170

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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FSCM NO. 53919

CAD FILE

031815

SCALE N/A

SIZE A

2233