



75 Ohm SMC Plug Connector Clamp/ Solder Attachment For RG59, RG62

TECHNICAL DATA SHEET

PE4258

75 Ohm SMC Plug Connector Clamp/Solder Attachment For RG59, RG62

Configuration

Connector	SMC Plug
Connector Interface Type	RG59, RG62
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 2
Impedance, Ohms	75
Maximum Insertion Loss, dB	0.3
Maximum Operating Voltage, Volts	250
Dielectric Withstanding Voltage, Vrms	2,000

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	0.72 [18.29]
Width/Dia., in [mm]	0.34 [8.64]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMC Plug
Mating Cycles	500
Contact Material and Plating	Brass/Beryllium Copper, Gold
Contact Plating Specification	MIL-PRF-39012
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	MIL-PRF-39012
Body Material and Plating	Brass, Nickel
Body Plating Specification	MIL-PRF-39012
Dielectric Type	Teflon

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

RoHS Compliant	Yes
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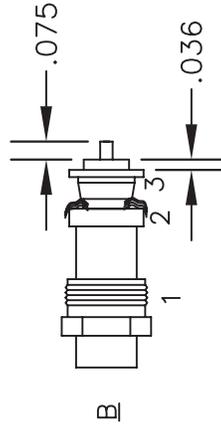
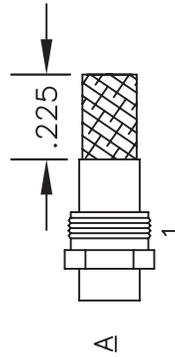
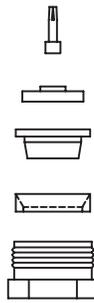
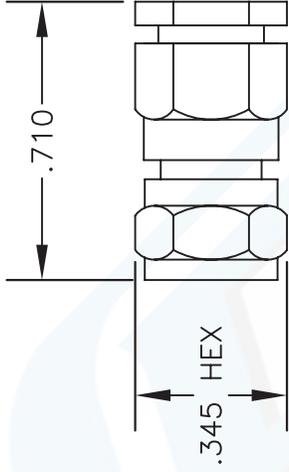
Plotted and Other Data

Notes:	Values at 25 °C, sea level
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Plug Connector Clamp/Solder Attachment For RG59, RG62 PE4258](#)

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.

MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE AS SHOWN IN A. SLIDE COMPRESSION WASHER (2) OVER BRAID & SEAT AGAINST JACKET. FLAIR BRAID OVER COMPRESSION WASHER (2).
2. SLIDE BRAID CLAMP (3) OVER DIELECTRIC & UNDER BRAID. PUSH INTO WASHER UNTIL IT STOPS. STRIP CABLE AS SHOWN IN B. TRIM EXCESS BRAID FLUSH WITH SURFACE OF COMPRESSION WASHER (2). INSERT INSULATOR (4) OVER DIELECTRIC WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE.
3. SOLDER CONTACT (5) TO CENTER CONDUCTOR. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.

STRIPPING DIMENSIONS



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DWG TITLE
PE4258

DES. "75 OHM SMC" PLUG, CLAMP ATTACHMENT FOR RG59 & RG62

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