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SMA Male Connector Clamp/Solder Attachment For RG188-DS, RG316-DS



TECHNICAL DATA SHEET PE4400

SMA Male Connector Clamp/Solder Attachment For RG188-DS, RG316-DS

Configuration

Connector	SMA Male
Connector Specification	MIL-STD-348A
Connector Interface Type	RG188-DS,RG316-DS
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 12.4
Impedance, Ohms	50
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	750

Frequency 1

Frequency, GHz	DC to 6
VSWR	1.3:1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165

Size

Length, in [mm]	0.74 [18.8]
Width/Dia., in [mm]	0.313 [8]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMA Male
Contact Material and Plating	Brass, Gold
Contact Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
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

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Clamp/Solder Attachment For RG188-DS, RG316-DS PE4400

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Plotted and Other Data

Notes: Values at 25 °C, sea level

URL: http://www.pasternack.com/sma-male-standard-rg188-ds-rg316-ds-connector-pe4400-p.aspx

SMA Male Connector Clamp/Solder Attachment For RG188-DS, RG316-DS 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.

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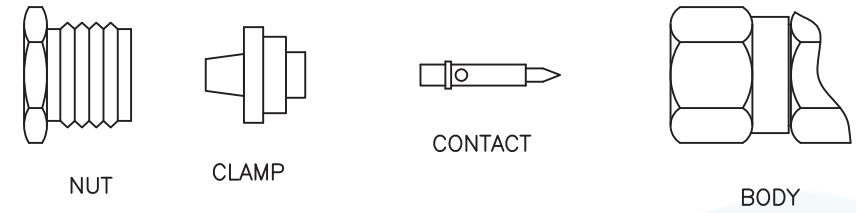
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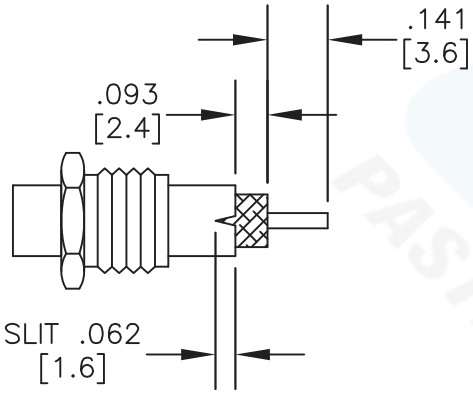
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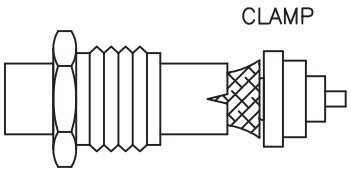
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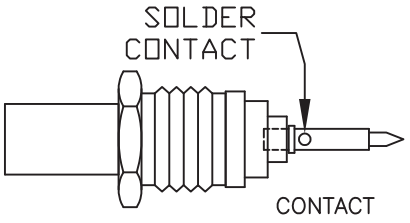
PE4400 CAD Drawing

SMA Male Connector Clamp/Solder Attachment For RG188-DS, RG316-DS







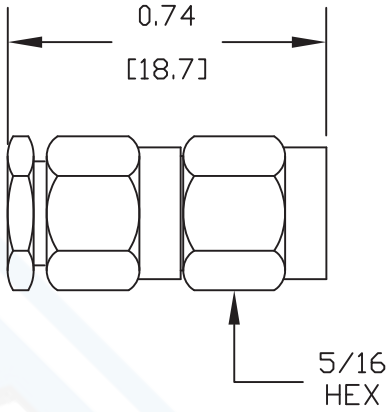


ASSEMBLY PROCEDURES

1. SLIDE NUT OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TIN CENTER CONDUCTOR. JACKET MAY BE SLIT TO HELP ENTRY OF CLAMP.

2. ROTATE DIELECTRIC TO FLARE BRAID. SLIDE CLAMP OVER DIELECTRIC AND UNDER BRAID UNTIL THE CLAMP STOPS. TRIM EXCESS BRAID TO THE DIAMETER OF THE CLAMP SHOULDER.

3. SLIDE CONTACT OVER CENTER CONDUCTOR AND INTO CLAMP INSULATOR UNTIL THE SHOULDER ON THE CONTACT STOPS AGAINST THE CLAMP INSULATOR. SOLDER THE CONTACT ONTO THE CENTER CONDUCTOR. INSERT THE ASSEMBLY INTO THE REAR OF THE BODY & TIGHTEN.



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DWG TITLE

PE4400

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].

REV. B	FSCM NO. 53919	CAD FILE 051311	SCALE N/A	SIZE A	2231