



1.0/2.3 Plug Connector Crimp/Solder
Attachment for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45166

Configuration

Connector	1.0/2.3 Plug
Connector Interface Type	RG188-DS, RG316-DS
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 4 GHz
Impedance	50 Ohms
Maximum VSWR	1.3:1
Maximum Operating Voltage	250 Volts

Mechanical Specifications

Temperature

Operating Range	-40 to +155 deg C
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Size

Length	1.12 in [28.45 mm]
Width/Dia.	0.3 in [7.62 mm]
Weight	0.013 lbs [5.9 g]

Connector

Type	1.0/2.3 Plug
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
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: [1.0/2.3 Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45166](#)



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Plotted and Other Data

Notes:

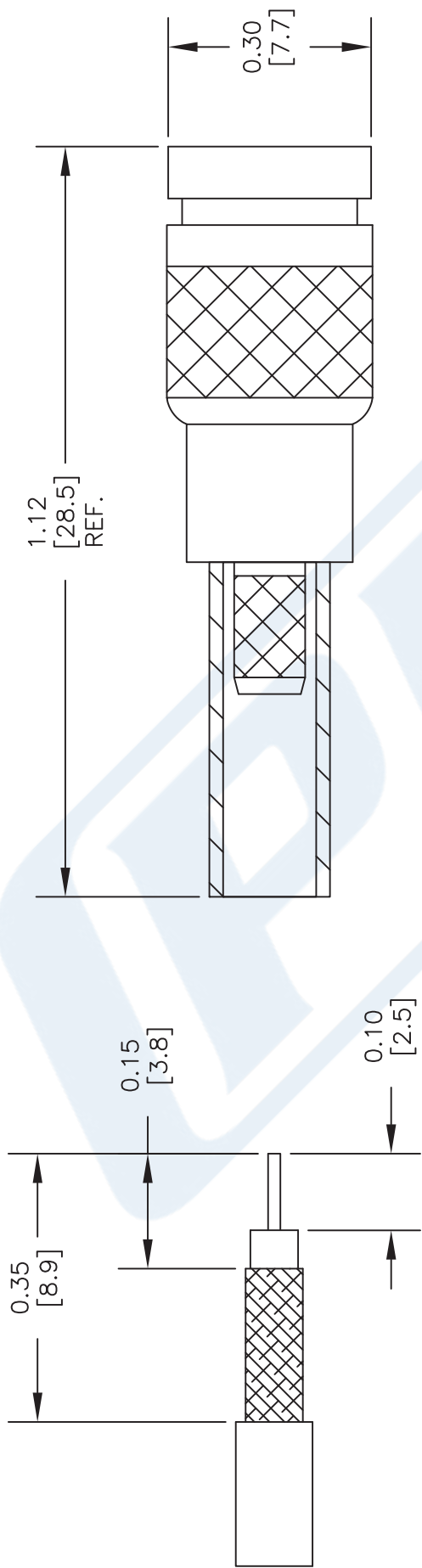
- Values at +25 °C, sea level

1.0/2.3 Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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: [1.0/2.3 Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45166](http://www.pasternack.com/1.0-2.3-plug-rg188-ds-rg316-ds-connector-pe45166-p.aspx)

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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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .128" HEX CRIMP TOOL

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THE ENGINEER'S RF SOURCE
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DWG TITLE
PE45166

FSCM NO. 53919

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.

CAD FILE 031815

SCALE N/A

SIZE A

2233