



SMB Jack Bulkhead Connector Crimp/Solder  
Attachment For RG174, RG316, RG188

TECHNICAL DATA SHEET

PE4097

**Configuration**

Connector	SMB Jack
Connector Specification	MIL-STD-348A
Connector Interface Type	RG174, RG316, RG188
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	Bulkhead

**Electrical Specifications**

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	1,000

**Mechanical Specifications**

<b>Temperature</b>	
Operating Range, deg C	-65 to +165

**Size**

Length, in [mm]	0.867 [22.02]
Width/Dia., in [mm]	0.25 [6.35]
Weight, lbs [g]	0.005 [2.27]

**Connector**

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

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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 Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188 PE4097](#)

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.

## PE4097

Values at 25 °C, sea level

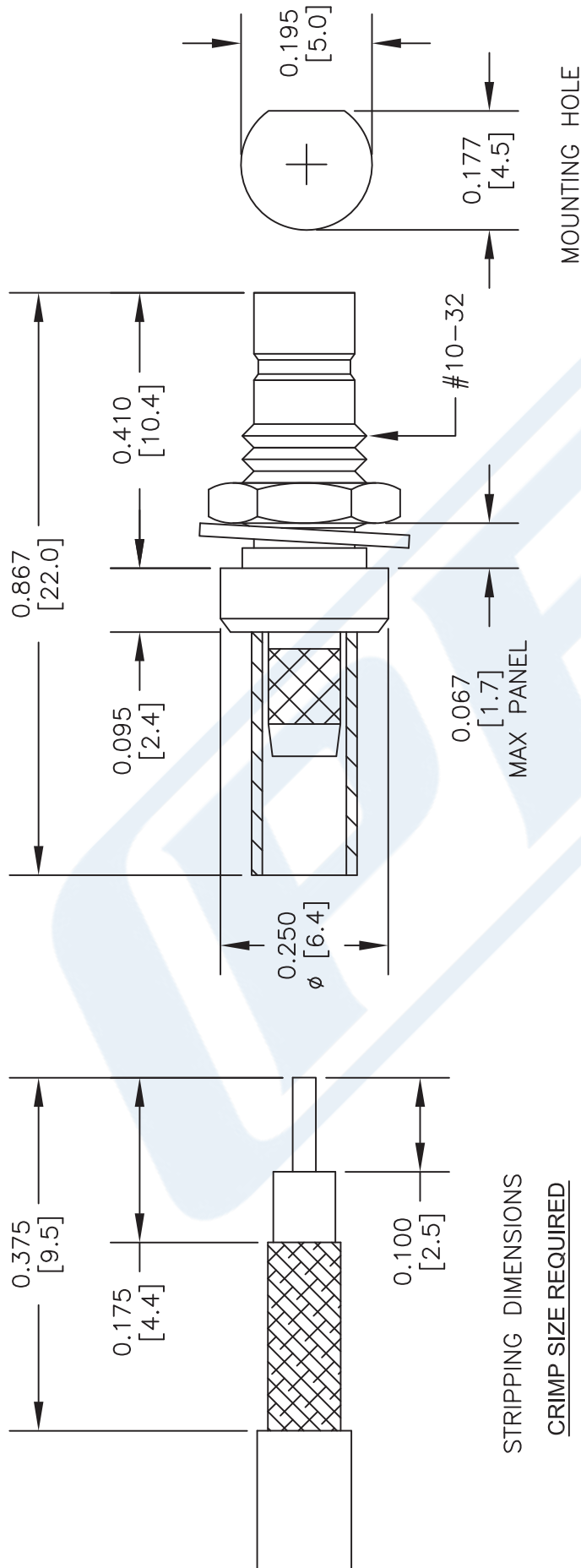
URL: <http://www.pasternack.com/smb-jack-standard-rg174-rg316-rg188-connector-pe4097-p.aspx>



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REGISTERED FIRM  
PASTERNAK ENTERPRISES, INC.  
CERTIFICATE NO. 1004347 QMS02

# PE4097 CAD Drawing

SMB Jack Bulkhead Connector Crimp/Solder Attachment For RG174, RG316, RG188



DWG TITLE

**PE4097**

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.

REV. A

FSCM NO. 53919

CAD FILE 082712

SCALE N/A

SIZE A

2233

**PE PASTERNAK®**

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