



BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 IP67 Rated

RF Connectors Technical Data Sheet

PE45131

Configuration

- BNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, LMR-100 Interface Type
- Crimp/Solder Attachment
- Bulkhead

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.24 in [31.5 mm]
Width/Dia.	0.689 in [17.50 mm]
Weight	0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	Teflon	
Outer Conductor	Brass	Nickel 100µ in. minimum
Body	Brass	Nickel 100µ in. minimum

Environmental Specifications

Temperature	
Operating Range	-20 to 80 deg C

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 IP67 Rated PE45131](#)



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

RoHS Compliant

REACH Compliant

12/17/2014

Plotted and Other Data

Notes:

BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 IP67 Rated 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.

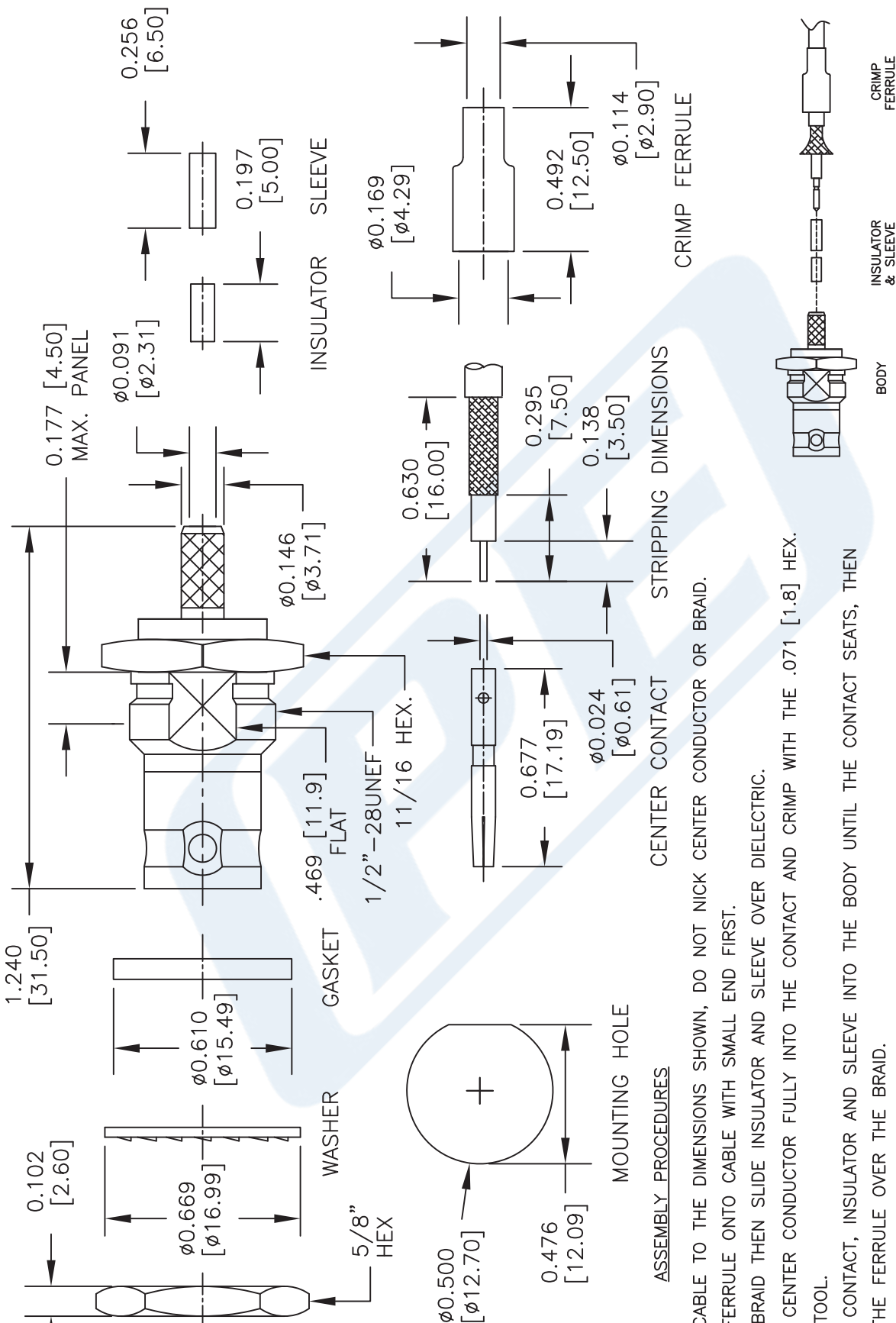
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. 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.

PE45131 CAD Drawing

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ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE FERRULE ONTO CABLE WITH SMALL END FIRST.
3. FLARE BRAID THEN SLIDE INSULATOR AND SLEEVE OVER DIELECTRIC.
4. INSERT CENTER CONDUCTOR FULLY INTO THE CONTACT AND CRIMP WITH THE .071 [1.8] HEX. CRIMP TOOL.
5. INSERT CONTACT, INSULATOR AND SLEEVE INTO THE BODY UNTIL THE CONTACT SEATS, THEN SLIDE THE FERRULE OVER THE BRAID.
6. CRIMP FERRULE LARGE END WITH THE .181 [4.6] HEX CRIMP TOOL.
7. CRIMP FERRULE SMALL END WITH THE .138 [3.5] HEX CRIMP TOOL.

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DWG TITLE
PE45131

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].

CAD FILE	021115	SCALE	N/A	SIZE	A	200
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