



## N Female Bulkhead Mount Connector Crimp/Solder Attachment for LMR-200, PE-C200, IP67 Rated

### RF Connectors Technical Data Sheet

**PE45047**

#### Configuration

- N Female Connector
- IEC 61169-16
- 50 Ohms
- Straight Body Geometry
- LMR-200, PE-C200 Interface Type
- Crimp/Solder Attachment
- Bulkhead
- 1/2 inch Hex

#### Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.2:1
- Silver Plated Copper Contact
- 5  $\mu$ m minimum contact plating
- IP67 Rated

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

Pasternack's PE45047 type N female bulkhead connector with crimp/solder attachment for LMR-200 and PE-C200 is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.2:1. This type N bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our type N female bulkhead connector PE45047 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.2:1	
Insertion Loss			0.1	dB
Operating Voltage (AC)			2,500	Vrms
Dielectric Withstanding Voltage (AC)			1,700	Vrms
Inner Conductor DC Resistance			0.8	mOhms
Outer Conductor DC Resistance			0.4	mOhms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Crimp/Solder Attachment for LMR-200, PE-C200, IP67 Rated PE45047](#)



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**Mechanical Specifications**

**Size**

Length	1.66 in [42.16 mm]
Width/Dia.	0.86 in [21.84 mm]
Weight	0.115 lbs [52.16 g]
Mating Cycles	500 Cycles

**Material Specifications**

Description	Material	Plating
Contact	Copper	Silver 5 µm minimum
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 2 µm minimum

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +85 deg C
Ingress Protection (IP) Rating	IP67 Rated
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6-Fc
Thermal Shock	IEC 60068-2-14-Na

Environmental Specification Notes:

Weather standard: IEC 60068 40/085/21

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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

N Female Bulkhead Mount Connector Crimp/Solder Attachment for LMR-200, PE-C200, 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.

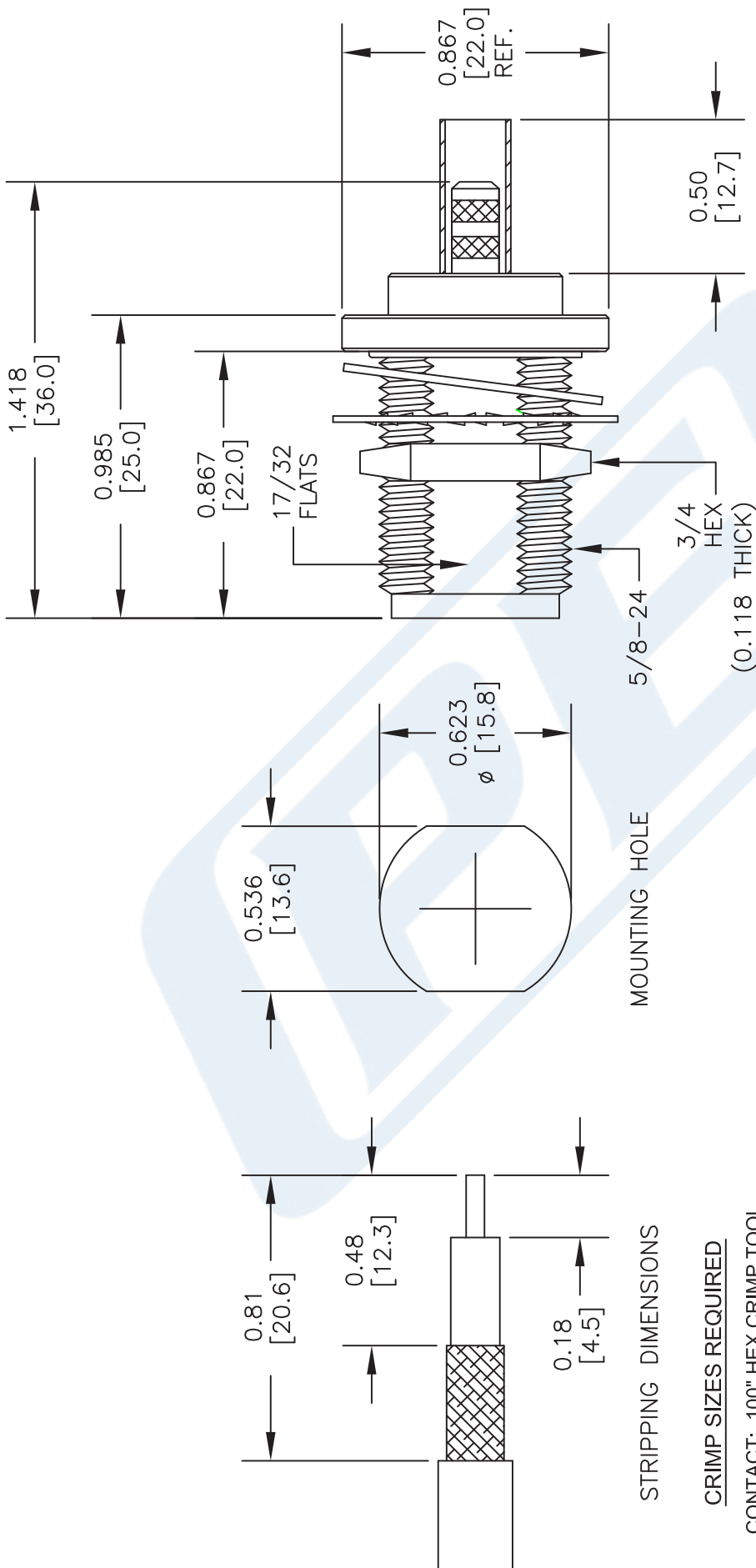
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URL: <https://www.pasternack.com/n-female-lmr-200-pe-c200-connector-pe45047-p.aspx>

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.

# PE45047 CAD Drawing

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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 [mm].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE  
**PE45047**

FSCM NO. 53919

2233

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