



## N Female Bulkhead Mount Connector Solder Attachment End Launch PCB, .630 inch Diameter

### RF Connectors Technical Data Sheet

PE44615

#### Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- End Launch Interface Type
- Solder Attachment
- Bulkhead

#### Features

- Max. Operating Frequency 11 GHz
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications

#### Description

Pasternack's PE44615 type N female bulkhead connector with solder attachment for end launch PCB (.630 inch diameter) 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 11 GHz and offers excellent VSWR of 1.15:1. 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.

Our type N female bulkhead connector PE44615 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		11	GHz
VSWR			1.15:1	
Insertion Loss			0.2	dB
Operating Voltage (AC)			1,500	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Insulation Resistance	5,000			MOhms

#### Mechanical Specifications

##### Size

Length	1.32 in [33.53 mm]
Width/Dia.	0.724 in [18.39 mm]
Weight	0.06 lbs [27.22 g]
Mating Cycles	500 Cycles

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 Solder Attachment End Launch PCB, .630 inch Diameter PE44615](#)



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Attachment End Launch PCB, .630 inch Diameter

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**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel

**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

N Female Bulkhead Mount Connector Solder Attachment End Launch PCB, .630 inch Diameter 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: [N Female Bulkhead Mount Connector Solder Attachment End Launch PCB, .630 inch Diameter PE44615](#)

URL: <https://www.pasternack.com/n-female-standard-surface-mount-end-launch-connector-pe44615-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.

N Female Bulkhead Mount Connector Solder Attachment  
End Launch PCB, .630 inch Diameter



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**PE44615**

**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. B  
FSCM NO. 53919

**CAD FILE      021413-B**

SCALE N/A

**SIZE A**

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