



BNC Female Connector Solder Attachment End Launch PCB

RF Connectors Technical Data Sheet

PE44616

Configuration

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

Features

- Max. Operating Frequency 4 GHz
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact

Applications

- General Purpose Test
- PCB Applications

Description

Pasternack's PE44616 BNC female connector with solder attachment for end launch PCB is part of our full line of RF components available for same-day shipping. Our BNC female connector operates up to a maximum frequency of 4 GHz and offers excellent VSWR of 1.15:1.

Our BNC female connector PE44616 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		4	GHz
VSWR			1.15:1	
Insertion Loss			0.2	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			0.2	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications**Size**

Length	1.022 in [25.96 mm]
Width/Dia.	0.472 in [11.99 mm]
Weight	0.02 lbs [9.07 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Solder Attachment End Launch PCB PE44616](#)



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Mating Cycles

500 Cycles

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:

BNC Female Connector Solder Attachment End Launch PCB 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.

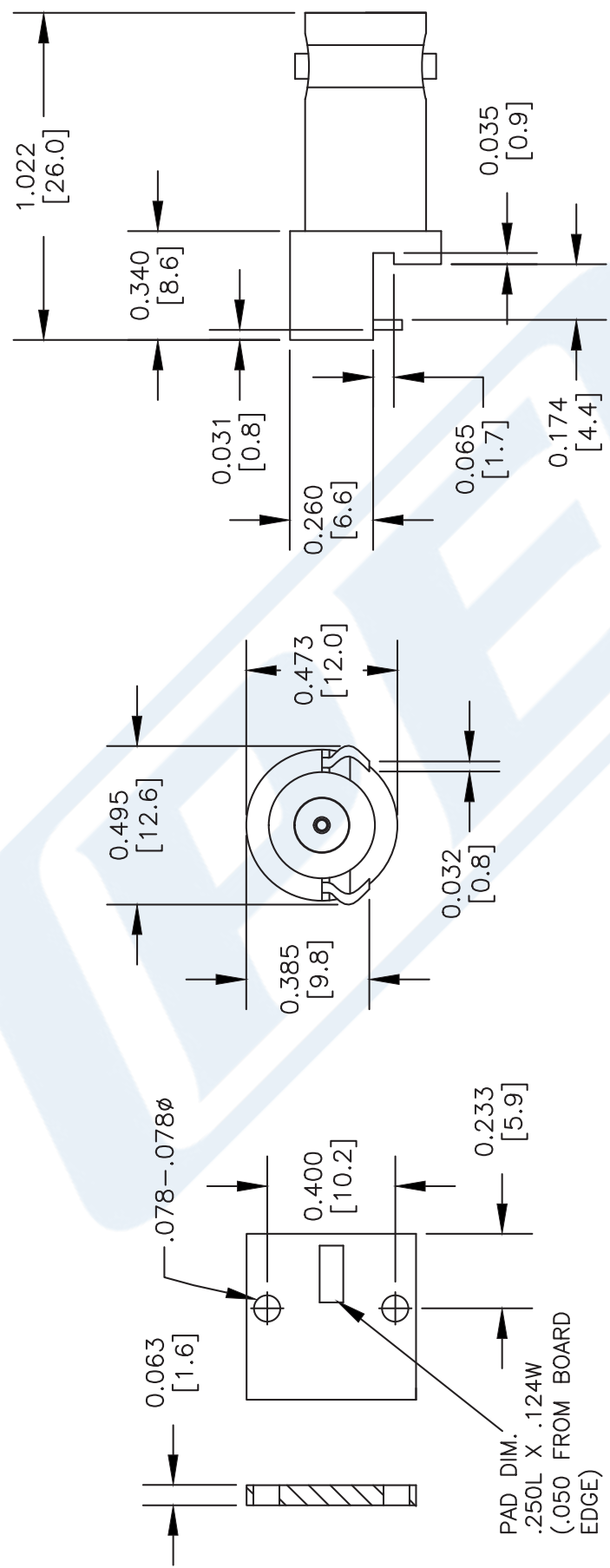
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Solder Attachment End Launch PCB PE44616](#)

URL: <https://www.pasternack.com/bnc-female-standard-surface-mount-end-launch-connector-pe44616-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.

PE44616 CAD Drawing

BNC Female Connector Solder Attachment End Launch PCB



PCB MOUNTING HOLES

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].

DWG TITLE	
PE44616	
FSCM NO.	53919



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