

## BNC Male Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS, Up to 4 GHz



### PE45114

#### Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG316-DS, RG188-DS

#### Features

- Maximum Frequency of 3 GHz

#### Applications

- General Purpose Test

#### Description

PE45114 BNC male coaxial connector has an interface type of RG316-DS, RG188-DS and a 50 Ohm impedance. Pasternack BNC male connector uses shield/contact crimp/crimp as an attachment method. Our male BNC coaxial connector provides a minimum frequency of DC and a maximum frequency of 3 GHz. The Pasternack BNC male coaxial connector has a teflon dielectric type and a VSWR of 1.25. The Pasternack BNC coaxial connector has a brass body with nickel plating. Our PE45114 BNC connector uses brass contact. This BNC male coaxial RF connector is RoHS and REACH compliant.

This Pasternack male BNC connector will ship the same day as purchased. Our BNC male connector is part of over 40,000 RF, microwave and millimeter wave components in stock for worldwide shipment. We also build custom BNC connector cable assemblies that will ship the same day as well.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.25:1	
Operating Voltage (AC)			335	Vrms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	1.11 in [28.19 mm]
Width	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.027 lbs [12.25 g]

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#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50μ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 100μ in. minimum
Coupling Nut	Brass	Nickel 100μ in. minimum

#### Environmental Specifications

<b>Temperature</b> Operating Range	-65 to +165 deg C
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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

BNC Male Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS, Up to 4 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

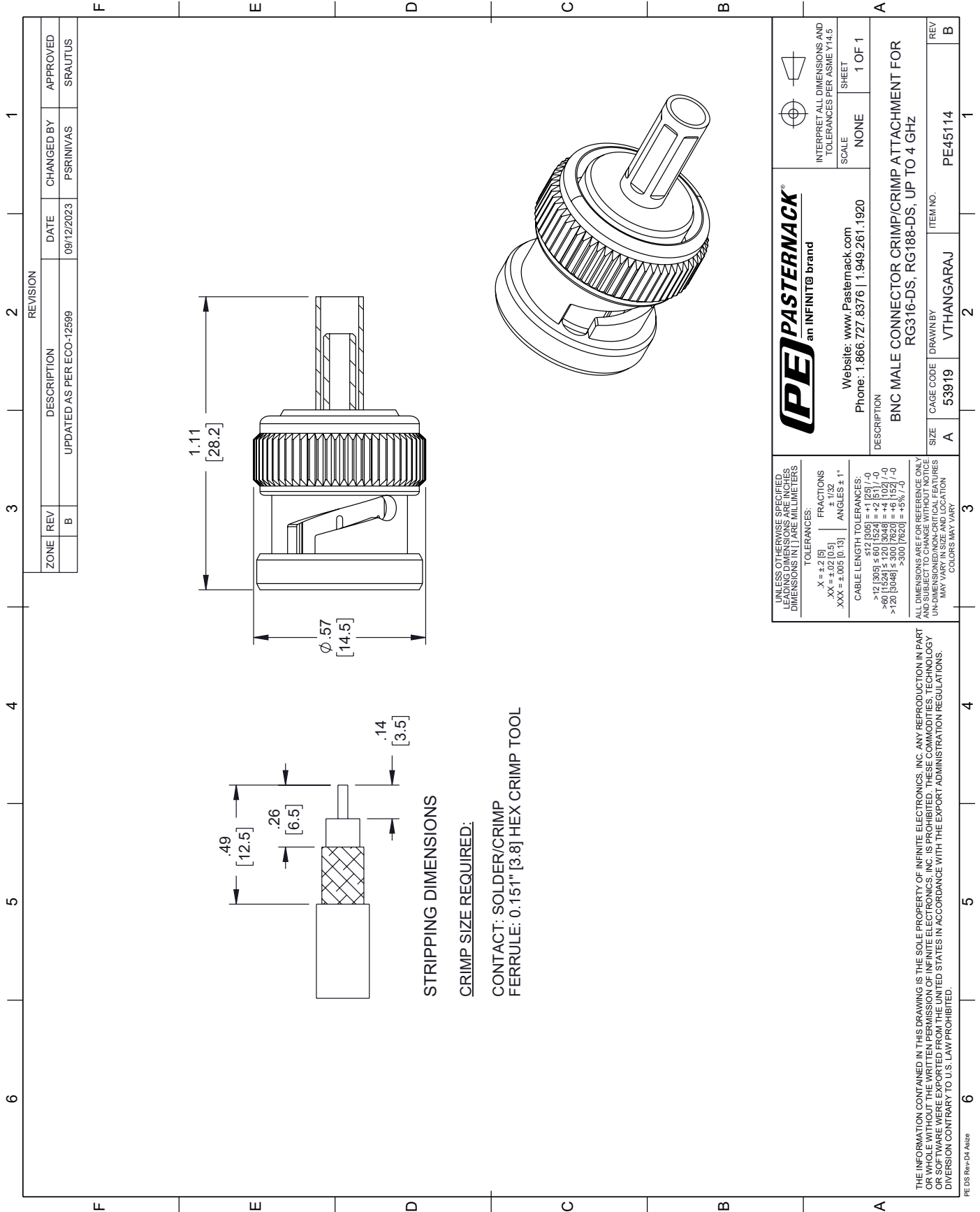
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Crimp/Crimp Attachment for RG316-DS, RG188-DS, Up to 4 GHz PE45114](#)

URL: <https://www.pasternack.com/bnc-male-rg316-ds-rg188-ds-connector-pe45114-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE45114 CAD Drawing

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STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED:

CONTACT: SOLDER/CRIMP

FERRULE: 0.151" [3.8] HEX CRIMP TOOL

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:		SCALE NONE	
.X = ±.2 [5]	FRACTIONS ± 1/32	SHEET 1 OF 1	
.XX = ±.02 [0.5]	ANGLES ± 1°	NONE	
.XXX = ±.005 [0.13]		Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a>	
CABLE LENGTH TOLERANCES:		Phone: 1.866.727.8376   1.949.261.1920	
>12 [305] ≤ 60 [1524] = +1 [25] / -0		DESCRIPTION	
>60 [1524] ≤ 120 [3048] = +4 [102] / -0		BNC MALE CONNECTOR CRIMP/CRIMP ATTACHMENT FOR	
>120 [3048] ≤ 300 [7620] = +5.8 [148]		RG316-DS, RG188-DS, UP TO 4 GHz	
ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED UNDIMENSIONED CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY		REV B	
ITEM NO.		DRAWN BY	
A 53919		VTHANGARAJ	
CAGE CODE		ITEM NO.	
A 53919		PE45114	