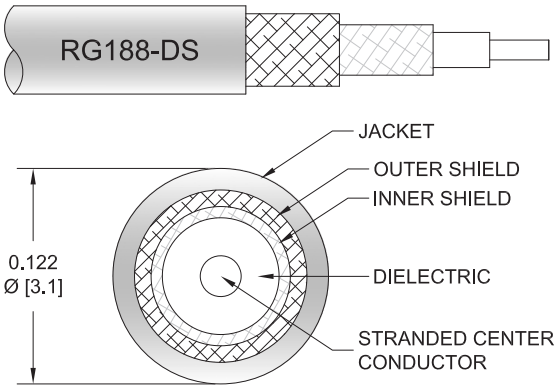
SMB Plug to BNC Female Bulkhead Cable Using RG188-DS Coax with HeatShrink



PE3W18115/HS

Configuration

- Connector 1: SMB Plug
- Connector 2: BNC Female Bulkhead
- Cable Type: RG188-DS
- Coax Flex Type: Flexible



Features

- Double Shielded
- PTFE Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W18115/HS SMB plug to BNC female bulkhead cable using RG188-DS coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack SMB to BNC cable assembly has a plug to female gender configuration with 50 ohm flexible RG188-DS coax. Our RF cable assembly with BNC bulkhead interface 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 double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.116 lbs [52.62 g]

Cable

Cable Type	RG188-DS
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver

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Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.118 in [3 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMB Plug	BNC Female Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold	
Contact Plating Specification	30µ in. minimum	
Dielectric Type	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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PE3W18115/HS

Typical Performance Data

How to Order

Part Number Configuration: **PE3W18115/HS - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3W18115/HS — Base Number

Example: PE3W18115/HS-12 = 12 inches long cable
PE3W18115/HS-100cm = 100 cm long cable

SMB Plug to BNC Female Bulkhead Cable Using RG188-DS Coax with HeatShrink 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: SMB Plug to BNC Female Bulkhead Cable Using RG188-DS Coax with HeatShrink PE3W18115/HS

URL: https://www.pasternack.com/smb-plug-to-bnc-female-bulkhead-cable-using-rg188-ds-with-heatshrink-pe3w18115-hs-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 impliment 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.

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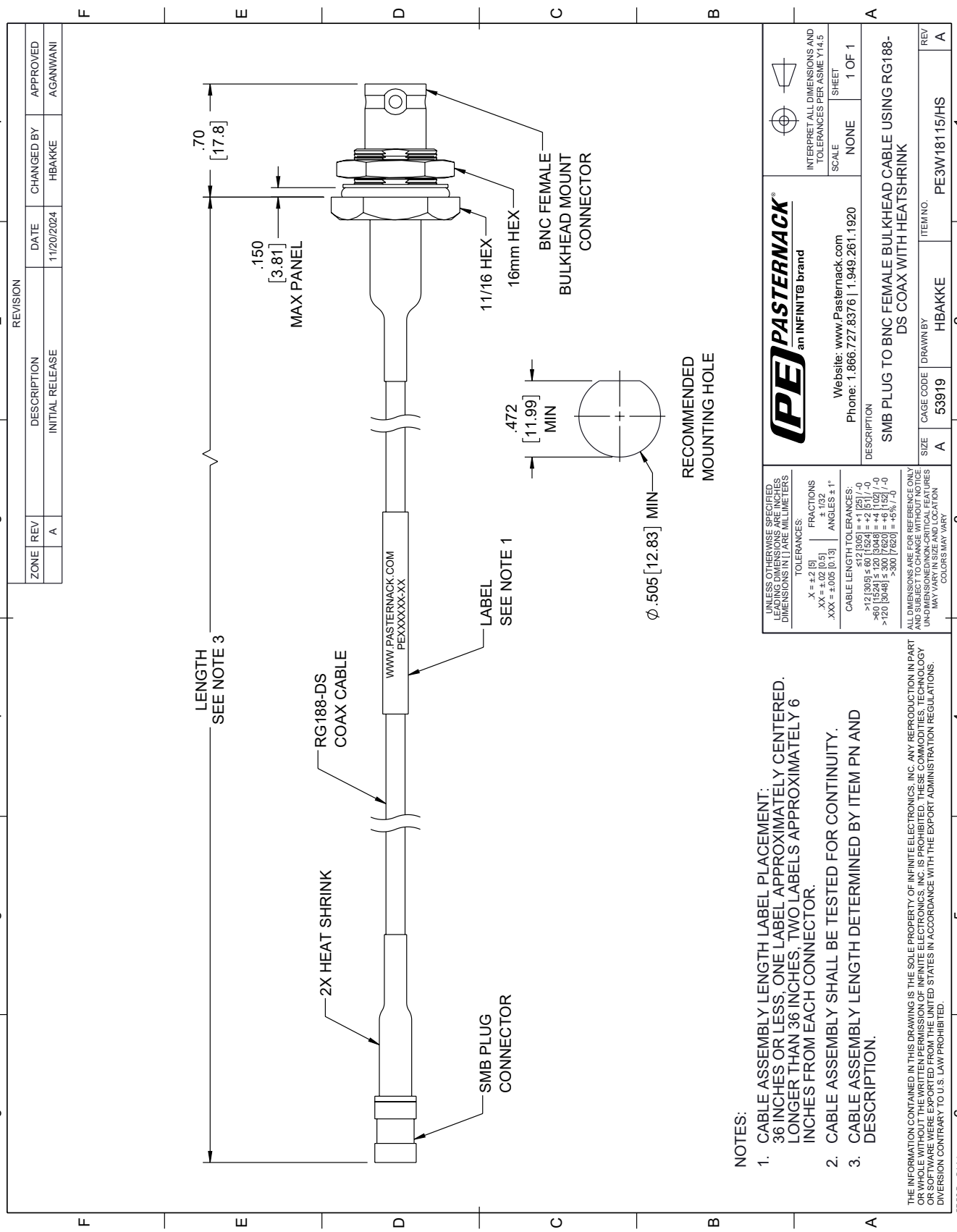
PE3W18115/HS CAD Drawing

SMB Plug to BNC Female Bulkhead Cable Using RG188-DS Coax with HeatShrink



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