

Banana Plug to SHV Jack Bulkhead Cable Using RG223 Coax with HeatShrink



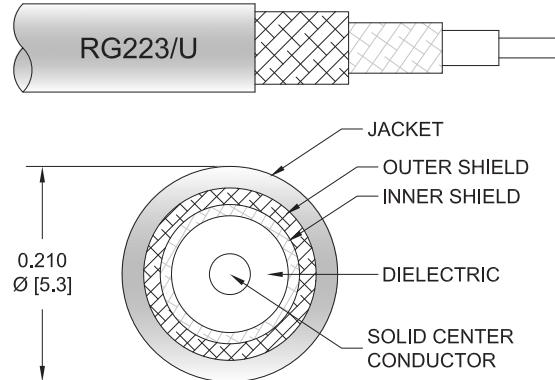
PE3W02799/HS

Configuration

- Connector 1: Banana Plug
- Connector 2: SHV Jack Bulkhead
- Cable Type: RG223
- Coax Flex Type: Flexible

Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W02799/HS Banana plug to 50 ohm SHV jack bulkhead cable using RG223 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 Banana to SHV cable assembly has a plug to jack gender configuration with 50 ohm flexible RG223 coax. Our RF cable assembly with SHV 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
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly	
Weight	0.148 lbs [67.13 g]
Cable	
Cable Type	RG223
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver

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Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.209 in [5.31 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	Banana Plug	SHV Jack Bulkhead
Specification		MIL-STD-348
Impedance	0 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating		Brass, Silver
Contact Plating Specification		ASTM-B700
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		ASTM-B689

Environmental Specifications

Compliance Certifications

 (see product page for current document)

Plotted and Other Data

Notes:

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PE3W02799/HS

Typical Performance Data

How to Order

Part Number Configuration:

PE3W02799/HS - xx uu

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3W02799/HS-12 = 12 inches long cable
PE3W02799/HS-100cm = 100 cm long cable

Banana Plug to SHV Jack Bulkhead Cable Using RG223 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.

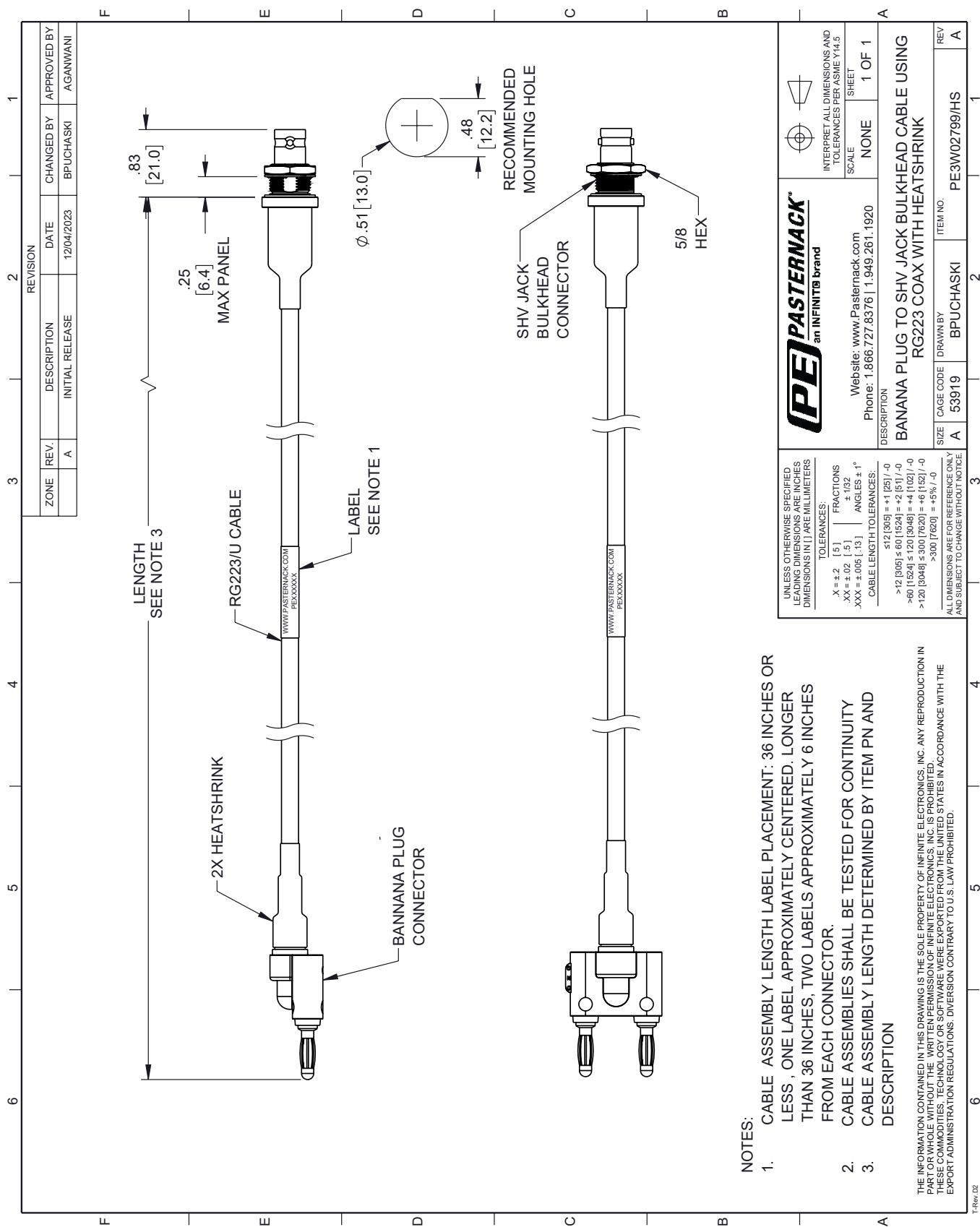
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Banana Plug to SHV Jack Bulkhead Cable Using RG223 Coax with HeatShrink PE3W02799/HS](#)

URL: <https://www.pasternack.com/banana-plug-to-shv-jack-bulkhead-cable-using-rg223-with-heatshrink-pe3w02799-hs-p.aspx>

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PE3W02799/HS CAD Drawing

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NOTES:

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1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS , ONE LABEL APPROXIMATELY CENTERED, LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
- 3.

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