

N Female Bulkhead Connector Clamp/Solder Attachment For PE-SR401AL, PE-SR401FL, RG401, .640 inch DD Hole



PE4942

Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR401AL, PE-SR401FL, RG401
- Bulkhead

Features

- Max. Operating Frequency 3 GHz
- Gold Plated Brass Contact
- 30 μ in. minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE4942 type N , N, Standard, Connector 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 3 GHz. 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 PE4942 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		3	GHz
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.775 in [45.09 mm]
Width	0.825 in [20.96 mm]
Weight	0.137 lbs [62.14 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 100 μ in. minimum

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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 Connector Clamp/Solder Attachment For PE-SR401AL, PE-SR401FL, RG401, .640 inch DD Hole 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: [N Female Bulkhead Connector Clamp/Solder Attachment For PE-SR401AL, PE-SR401FL, RG401, .640 inch DD Hole PE4942](#)

URL: <https://www.pasternack.com/n-female-standard-pe-sr401al-pe-sr401fl-rg401-connector-pe4942.html>

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.

PE4942 CAD Drawing

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