

QMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .268 inch D Hole



PE517803

Configuration

- QMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned
- Bulkhead

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.15:1
- Gold over Nickel over Copper Plated Beryllium Copper Contact

Applications

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

Description

Pasternack's PE517803 QMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 and RG405 Tinned Cable is part of our full line of RF components available for same-day shipping. Our QMA female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.15:1. This QMA 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 QMA female bulkhead connector PE517803 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		6	GHz
VSWR			1.15:1	
Insertion Loss			0.122	dB
Operating Voltage (AC)			480	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	70			dB
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.787 in [19.99 mm]
Width	0.437 in [11.1 mm]
Height	0.787 in [19.99 mm]
Weight	0.16 lbs [72.57 g]

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Mating Cycles	100 Cycles
Cable Retention Force	13.5 lbs [6.12 kg]
Engagement Force	5.6lbs [2.54kg]
Disengagement Force	4.5lbs [2.04kg]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel over Copper
Insulation	PTFE	
Body	Brass	Gold over Nickel over Copper
Gasket	Silicone	

Environmental Specifications

Temperature	
Operating Range	-40 to +165 deg C
Humidity	IEC 60169-1 19.3 (96hrs) steady state
Thermal Shock	IEC 60169-1 16.4 (-40°C to +85°C)
Salt Spray	IEC 60169-1 16.7 (48hrs)

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

QMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .268 inch D 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: [QMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .268 inch D Hole PE517803](#)

URL: <https://www.pasternack.com/qma-female-pe-sr405al-pe-sr405fl-rg405-rg405-tinned-connector-pe517803.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.

PE517803 CAD Drawing

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