PASTERNACK
an INFINITE brand

1.0mm Female Connector Clamp Attachment Vertical Launch PCB for Microstrip

RF Connectors
Technical Data Sheet

PE45692

Configuration

- 1.0mm Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Vertical Launch

Features

- Max. Operating Frequency 110 GHz
- Good VSWR of 1.6:1

Applications

- General Purpose Test
- PCB Applications
- Chip Evaluations
- High Speed Digital Boards
- Vertical Launch Test Fixtures

Description

Pasternack's PE45692 1.0mm female connector with clamp attachment for Vertical Launch PCB is part of our full line of RF components available for same-day shipping. Our 1.0mm female connector operates up to a maximum frequency of 110 GHz and offers good VSWR of 1.6:1.

Our 1.0mm female connector PE45692 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		110	GHz
VSWR			1.6:1	

Electrical Specification Notes:
ANSYS HFSS models (version 17.0 or newer) for 3D EM(Electromagnetic) Simulation available upon request

Mechanical Specifications

Size

Length	0.5 in [12.7 mm]
Width/Dia.	0.39 in [9.91 mm]
Weight	1.2 lbs [544.31 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1.0mm Female Connector Clamp Attachment Vertical Launch PCB for Microstrip PE45692

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Material Specifications

Description	Material	Plating
Outer Conductor	Beryllium Copper	Gold
Body	Stainless Steel	

Environmental Specifications

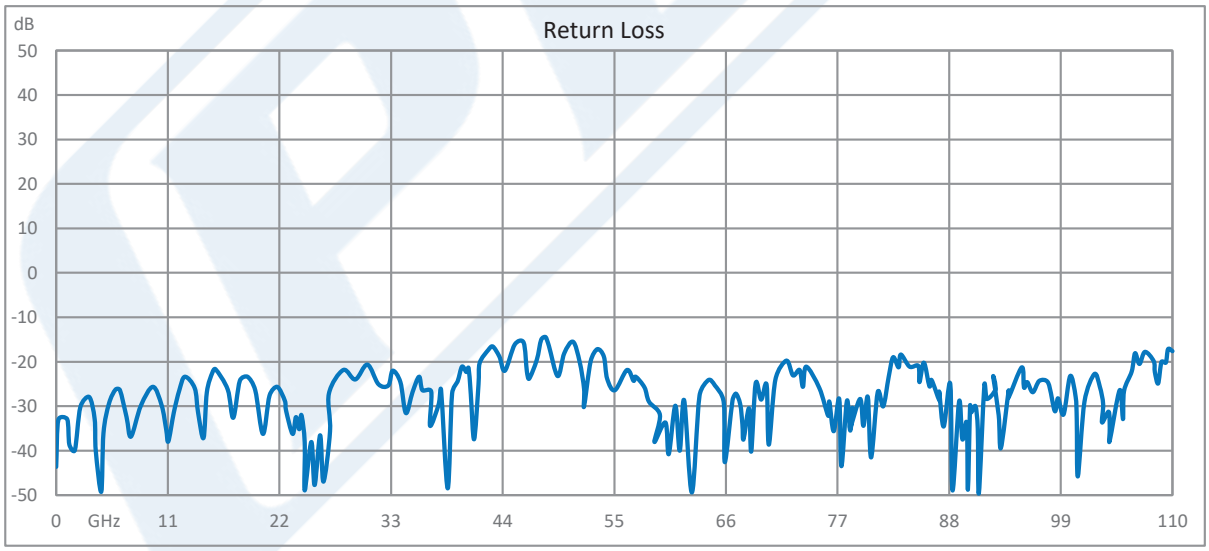
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Return Loss and Insertion Loss measured using a 30mm trace on an 5 mil thick substrate and two vertical launch connectors.

Typical Performance Data



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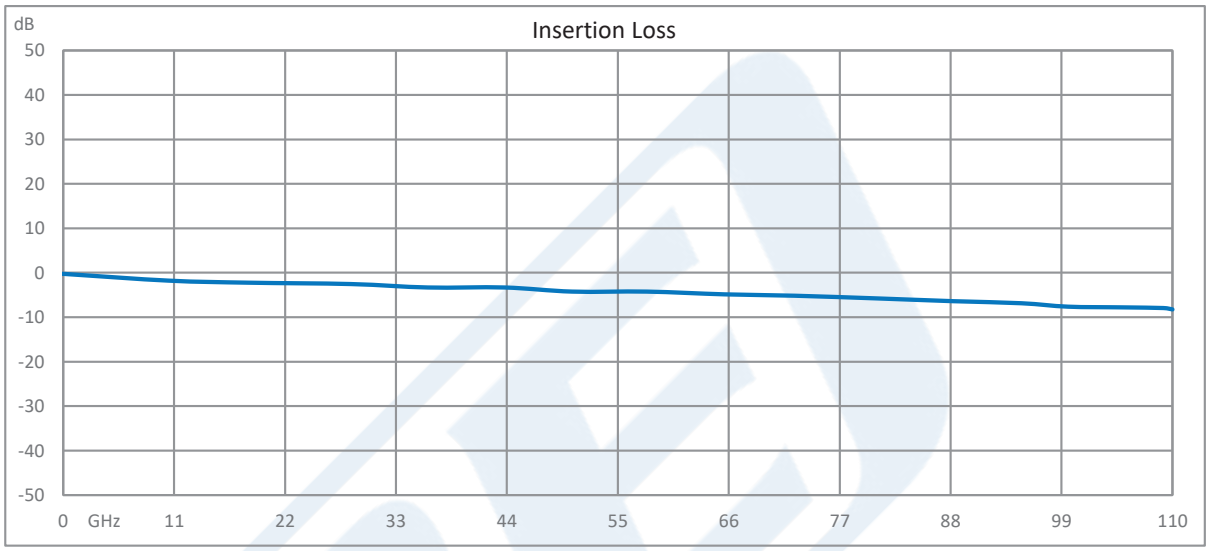

1.0mm Female Connector Clamp Attachment Vertical Launch PCB for Microstrip from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 1.0mm Female Connector Clamp Attachment Vertical Launch PCB for Microstrip PE45692

URL: https://www.pasternack.com/1.0mm-female-vertical-launch-pcb-connector-pe45692-p.aspx

PE45692 CAD Drawing

1.0mm Female Connector Clamp Attachment Vertical Launch PCB for Microstrip