

# MMCX Switch Edge Card Receptacle





## PE44663

#### Configuration

- · MMCX Plug Connector
- BS EN 122340
- 50 Ohms
- · Straight Body Geometry

#### **Features**

- · Max. Operating Frequency 6 GHz
- Good VSWR of 1.5:1
- · Gold Plated Beryllium Copper Contact
- 30 µin minimum contact plating
- · Max. Operating Frequency 6 GHz

#### **Applications**

- · General Purpose Test
- · Space Saving for PCB Applications
- · Telecom and Wireless

- Solder Attachment Method
- Connector Interface Types: End Launch
- Surface Mount
- Good VSWR of 1.5:1
- Automatically switches from internal to external connection when mated
- · 30 µin minimum contact plating
- Applications requiring switching between internal and external circuits

## **Description**

Pasternack's PE44663 MMCX Switch Edge Card Receptacle with solder attachment for end launch PCB is part of our full line of RF components available for same-day shipping. Our MMCX switch edge card operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.5:1. The MMCX switch receptacle automatically switches from an internal circuit to an external circuit when mated.

Our MMCX PE44663 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			1.5:1	
Operating Voltage (AC)			170	Vrms
Impedance		50		Ohms

## **Mechanical Specifications**

Size

 Length
 0.346 in [8.79 mm]

 Width
 0.142 in [3.61 mm]

 Weight
 0.006 lbs [2.72 g]



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## **Material Specifications**

Description	Material	Plating	
Contact	Beryllium Copper	Gold	
		30 µin minimum	
Insulation	PTFE		
Body	Brass	Gold	
		3 µin minimum	

#### **Environmental Specifications**

**Temperature** 

Operating Range -55 to +155 deg C

Compliance Certifications (see product page for current document)

#### **Plotted and Other Data**

Notes:

MMCX Switch Edge Card Receptacle 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: MMCX Switch Edge Card Receptacle PE44663

URL: https://www.pasternack.com/mmcx-plug-standard-surface-mount-end-launch-connector-pe44663-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. <u>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.</u>

