PASTERNACK®
THE ENGINEER'S RF SOURCE

Slide-On BMA Plug to SMA Male Adapter



RF Adapters Technical Data Sheet

PE91396

Configuration

- Slide-On BMA Plug Connector 1
- SMA Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.15:1 up to 18 GHz
- Gold Plated Brass Contact
- Low-Engagement Force

Applications

- Allows Connection Between Series
- General Purpose Test
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

Description

Pasternack's PE91396 slide-on BMA plug to SMA male adapter is part of our full line of RF components available for same-day shipping. Our BMA to SMA adapter has a plug to male gender configuration built of durable stainless steel. PE91396 BMA plug to SMA male adapter operates to 18 GHz. The Pasternack RF adapter provides excellent VSWR of 1.15:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.15:1	
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	0.67 in [17.02 mm]
Width	0.315 in [8 mm]
Weight	0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Slide-On BMA Plug to SMA Male Adapter PE91396

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Description	Connector 1	Connector 2
Type	BMA Plug	SMA Male
Polarity	Standard	Standard
Contact Retention Force, Min	6.07 lbs [2.75 Kg]	

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	Slide-On BMA Plug		SMA Male	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE			
Outer Conductor	Passivated Stainless Steel			
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut			Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Slide-On BMA Plug to SMA Male Adapter 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: Slide-On BMA Plug to SMA Male Adapter PE91396

URL: https://www.pasternack.com/bma-plug-sma-male-straight-adapter-pe91396-p.aspx

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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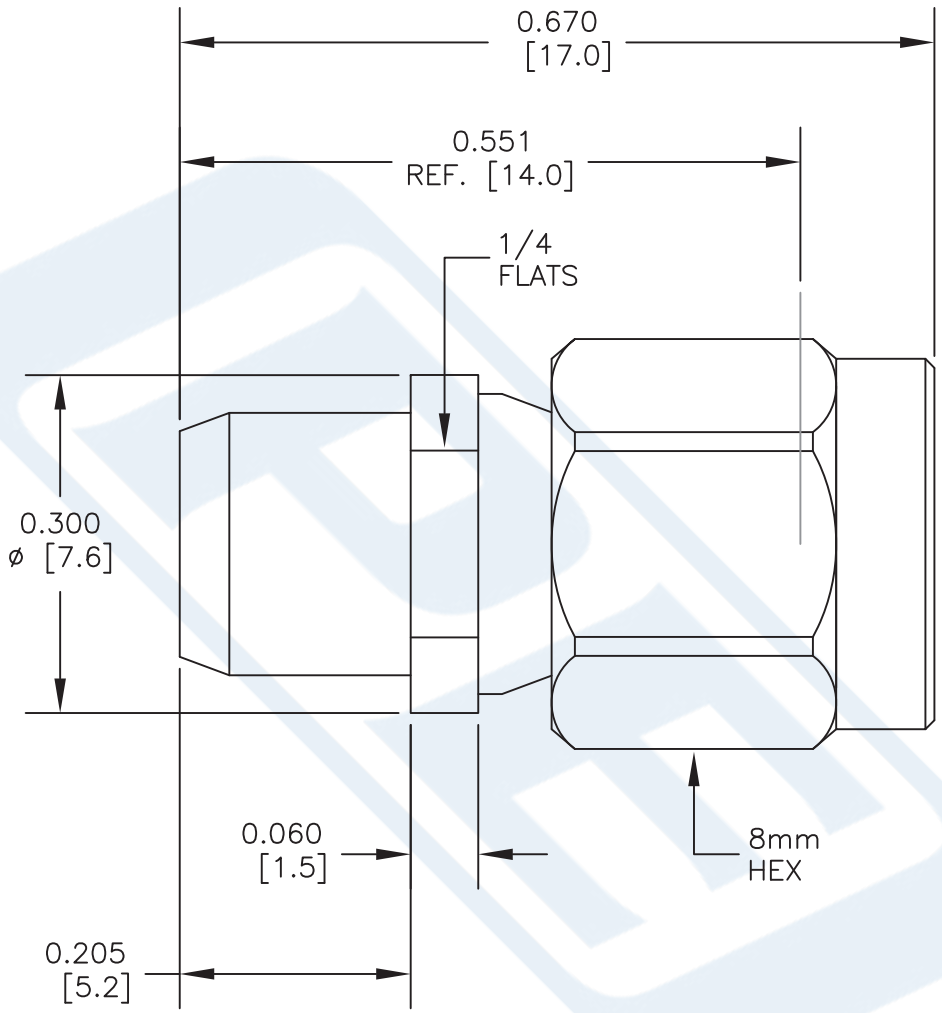
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PE91396 CAD Drawing

Slide-On BMA Plug to SMA Male Adapter



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

PE91396

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

CAGE CODE 53919	CAD FILE 020217	SCALE N/A	SIZE A	2233