SMC Plug to BNC Female Adapter

RF Adapters Technical Data Sheet

ET12206

Configuration

- SMC Plug Connector 1
- BNC Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.3:1 up to 4 GHz
- SMC interface compliant with MIL-STD-348A
- BNC interface compliant with MIL-STD-348A
- 30 µ-in minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12206 SMC plug to BNC female adapter is part of our full line of RF components available for same-day shipping. Our SMC to BNC adapter has a plug to female gender configuration. ET12206 SMC plug to BNC female adapter operates to 4 GHz. The Ebeestock RF adapter provides good VSWR of 1.3:1 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. Ebeestock 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

Frequency Range	DC	4	GHz
VSWR		1.3:1	
Operating Voltage (AC)		335	Vrms

Mechanical Specifications

Size

Length	1.287 in [32.69 mm]
Width	0.453 in [11.51 mm]
Weight	0.034 lbs [15.42 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMC Plug to BNC Female Adapter ET12206

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

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Description	Connector 1	Connector 2
Type	SMC Plug	BNC Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
Hex Size	1/4 in	

Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	SMC Plug		BNC Female	
Contact	Beryllium Copper	Gold 30 µ-in minimum	Beryllium Copper	Gold 30 µ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel 100 µ-in minimum
Body	Brass	Nickel 100 µ-in minimum		
Coupling Nut	Brass	Nickel 100 µ-in minimum		

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMC Plug to BNC Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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: SMC Plug to BNC Female Adapter ET12206

URL: https://www.ebeestock.com/smc-plug-to-bnc-female-adapter-0012206

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

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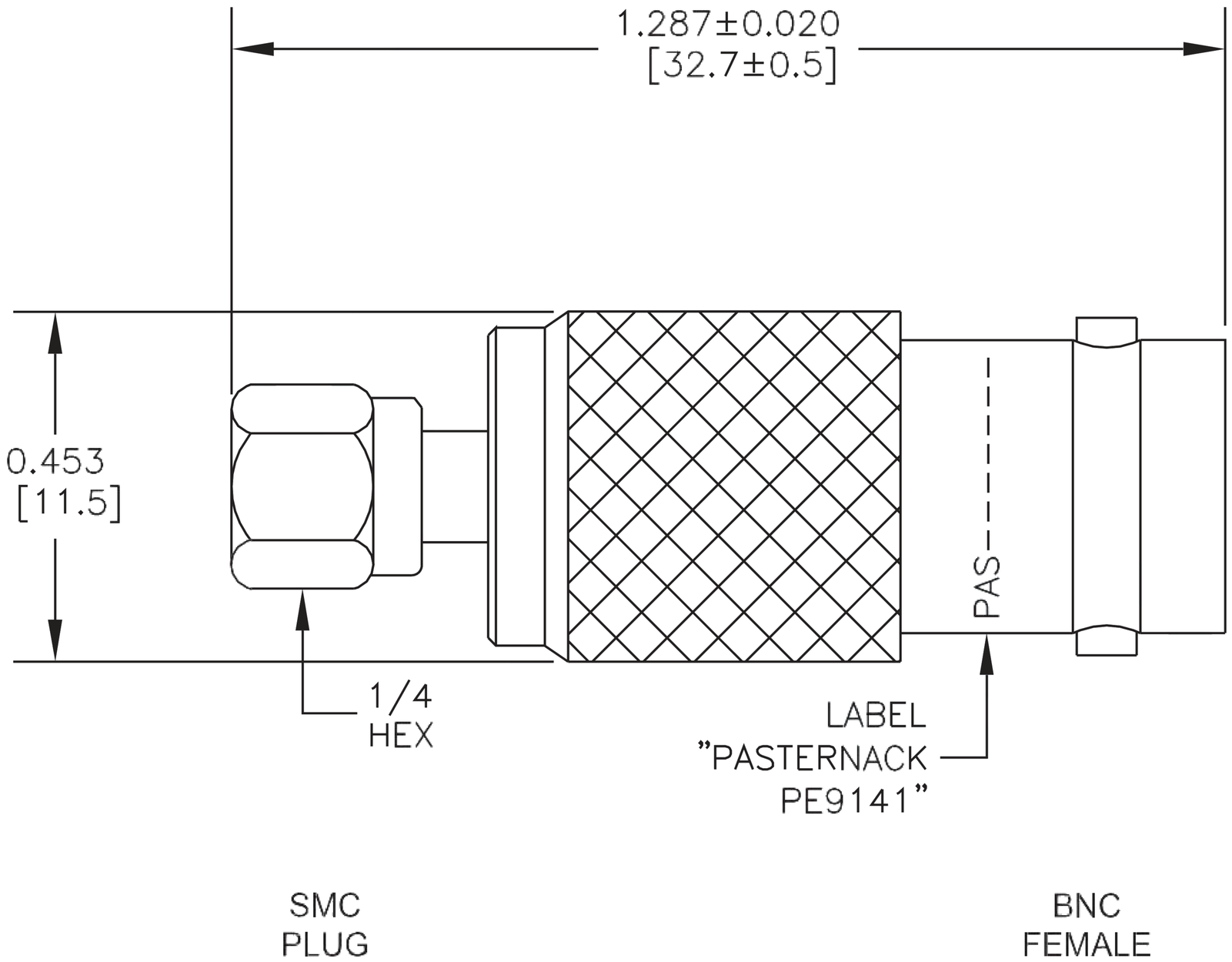
ET12206 CAD Drawing

SMC Plug to BNC Female 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

ET12206

FSCM NO. 53919

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].

CAD FILE	SCALE	SIZE	
022216	N/A	A	3045