SMC Jack to BNC Female Adapter

RF Adapters Technical Data Sheet

ET12205

Configuration

- SMC Jack Connector 1
- BNC Female Connector 2
- 50 Ohms
- Straight Body Geometry

Features

- Max VSWR of 1.35:1 up to 4 GHz
- SMC Interface compliant with MIL-STD-348
- BNC Interface compliant with MIL-STD-348
- Gold Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12205 SMC jack 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 jack to female gender configuration. ET12205 SMC jack to BNC female adapter operates to 4 GHz. The Ebeestock RF adapter provides good VSWR of 1.35:1 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		1.35:1	

Performance by Frequency

Frequency Range	DC to 2	2 to 4	GHz
VSWR, Max	1.2:1	1.35:1	

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size

Length	1.274 in [32.36 mm]
Width	0.45 in [11.43 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMC Jack to BNC Female Adapter ET12205

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Weight 0.027 lbs [12.25 g]

Description	Connector 1	Connector 2
Type	SMC Jack	BNC Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	SMC Jack		BNC Female	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel

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 Jack 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 Jack to BNC Female Adapter ET12205

URL: https://www.ebeestock.com/smc-jack-to-bnc-female-adapter-0012205

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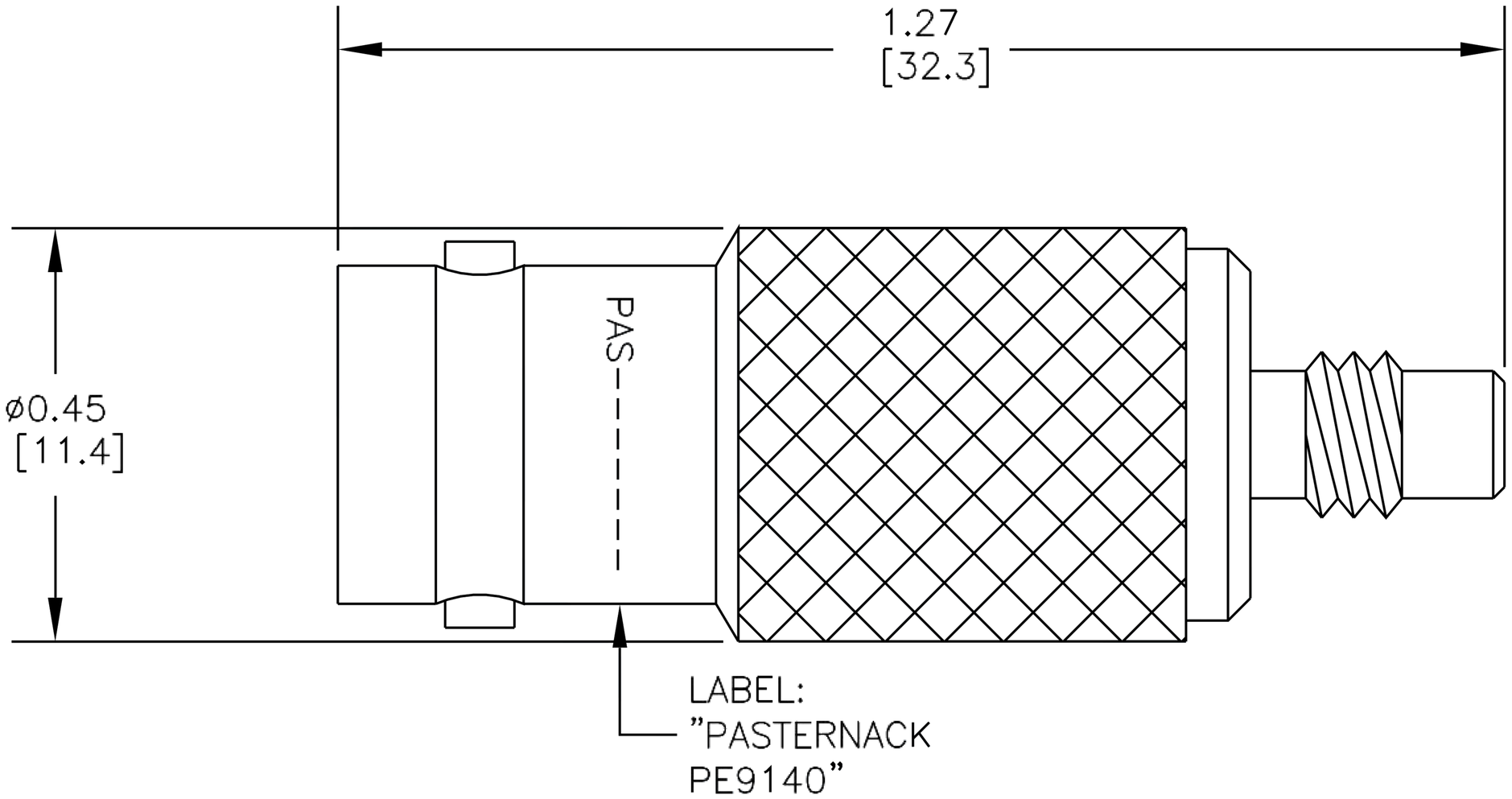

BNC
FEMALE

SMC
JACK

STANDARD TOLERANCES	
DECIMAL	
.XX	±0.02
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

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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].

FSCM NO. 53919	CAD FILE 052616	SCALE N/A	SIZE A	3045