Mini SMP Female to Mini SMP Female Adapter

RF Adapters Technical Data Sheet

ET12420

Configuration

- Mini SMP Female Connector 1
- Mini SMP Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 26.5 GHz
- Mini SMP interface compliant with MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Contact

Applications

- General Purpose Test

Description

Ebeestock's ET12420 Mini SMP female to Mini SMP female adapter is part of our full line of RF components available for same-day shipping. Our Mini SMP to Mini SMP adapter has a female to female gender configuration. ET12420 Mini SMP female to Mini SMP female adapter operates to 26.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
VSWR			1.2:1	

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

Mechanical Specifications

Size

Length	0.21 in [5.33 mm]
Width	0.1 in [2.54 mm]
Weight	0.00178 lbs [0.81 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Mini SMP Female to Mini SMP Female Adapter ET12420

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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Description	Connector 1	Connector 2
Type	Mini SMP Female	Mini SMP 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	Mini SMP Female		Mini SMP Female	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Mini SMP Female to Mini SMP 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: Mini SMP Female to Mini SMP Female Adapter ET12420

URL: https://www.ebeestock.com/mini-smp-female-to-mini-smp-female-adapter-0012420

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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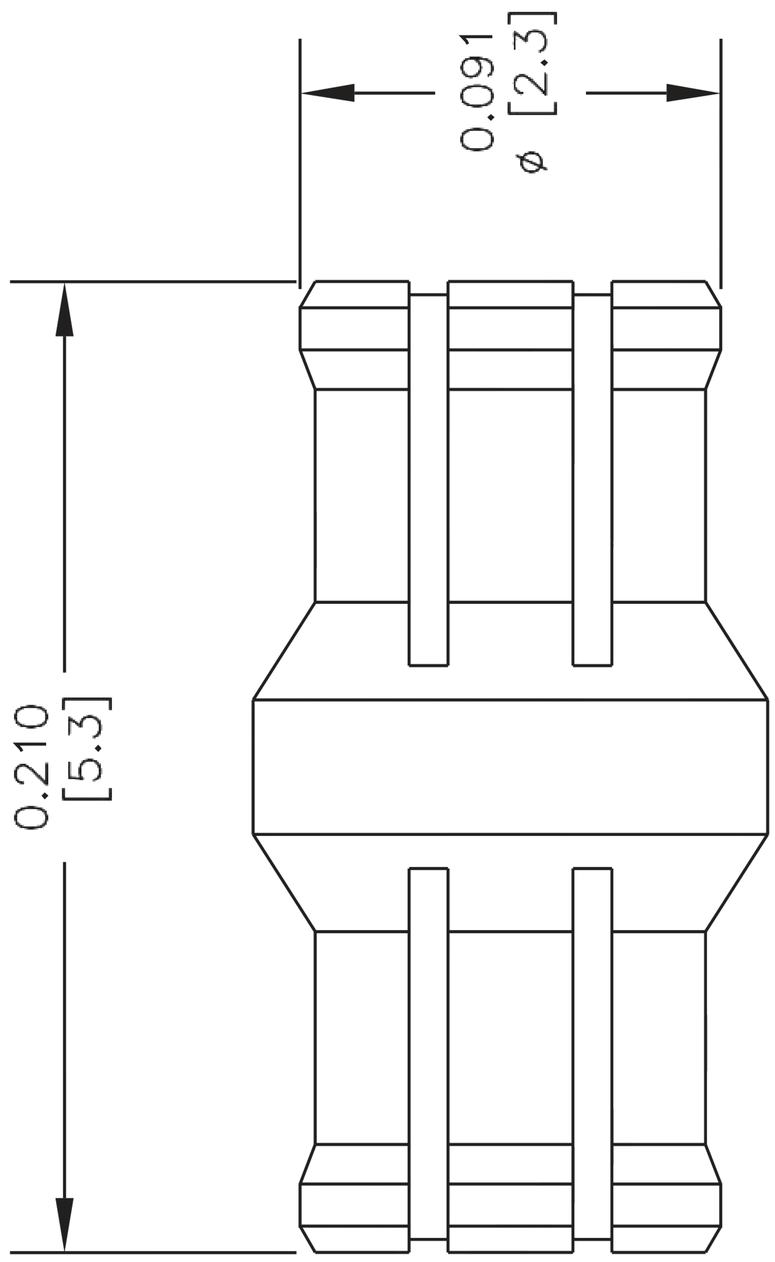
ET12420 CAD Drawing

Mini SMP Female to Mini SMP Female Adapter



MINI SMP
FEMALE

MINI SMP
FEMALE

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].

DWG TITLE	CAD FILE 020813	SCALE N/A	SIZE A	2233
ET12420	FSCM NO. 53919			

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