

SMP Female Right Angle Connector Solder Attachment for ET383 21, ET38322, ET38322J, ET38340, ET-RG405



RF Connectors Technical Data Sheet

ET11500

Configuration

- Standard SMP Female Standard Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry

- ET38321, ET38322, ET38323, ET-SR405TN, ET-RG405 Interface Type
- Solder/Solder Attachment

Features

- Max. Operating Frequency 26.5 GHz
- Good VSWR of 1.38:1

- Gold Plated Beryllium Copper Contact
- Blind Mate Connector

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET11500 SMP female right angle connector with solder/solder attachment for ET38321, ET38322, ET38323, ET38340 and ET-RG405 is part of our full line of RF components available for same-day shipping. Our SMP female connector operates up to a maximum frequency of 26.5 GHz and offers good VSWR of 1.38:1. The Ebeestock blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. Its right angle body geometry allows for easier connections in tight spaces.

Our SMP female right angle connector ET11500 datasheet specifications and drawing with dimensions are shown below in this PDF. Ebeestock'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, Ebeestock has the right connector for the job. Ebeestock can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
VSWR			1.38:1	
Operating Voltage (AC)			335	Vrms
Test Voltage (AC)			500	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Female Right Angle Connector Solder Attachment for ET38321, ET38322, ET-SR405FLJ, ET38340, ET-RG405 ET11500

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



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Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 6	6 to 12	12 to 26.5			GHz
VSWR, Max	1.11:1	1.23:1	1.38:1			

Electrical Specification Notes:

Insertion loss = $0.1 \times sqrt(fGHz) dB \max$.

Mechanical Specifications

Size

 Length
 0.26 in [6.6 mm]

 Width/Dia.
 0.19 in [4.83 mm]

 Weight
 0.0025 lbs [1.13 g]

Material Specifications

Description	Material	Plating	
Contact	Beryllium Copper	Gold	
Insulation	PTFE		
Body	Beryllium Copper	Gold	

Mechanical Specification Notes:

Mating cycles: 1,000 (smooth bore), 500 (limited detent), 100 (full detent) minimum.

Environmental Specifications

Temperature

Operating Range -65 to +155 deg C

Humidity MIL-STD-202, Method 106

Shock
MIL-STD-202, Method 213, Condition A
Vibration
MIL-STD-202, Method 204, Condition B
Thermal Shock
MIL-STD-202, Method 107, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMP Female Right Angle Connector Solder Attachment for ET38321, ET38322, ET38323, ET38340, ET-RG405 from Ebeestock 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.

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URL: https://www.ebeestock.com/smp-female-right-angle-connector-solder-attachment-for-pe-sr405a l-pe-sr405fl-pe-sr405flj-pe-sr405tn-rg405-0011500

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.



