

SMP Female Right Angle Connector Crimp/Solder Attachment for ET-ET-RG178, ET-RG196, Up To 8 GHz



RF Connectors Technical Data Sheet

ET11589

Configuration

- SMP Female Connector
- MIL-STD-348A
- 50 Ohms

- Right Angle Body Geometry
- Connector Interface Types: ET-RG178, ET-RG196

Features

- Max. Operating Frequency 8 GHz
- Excellent VSWR of 1.1:1
- Gold Plated Beryllium Copper Contact

- Contact plating according to MIL-DTL-45204
- Blind Mate Connector

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET11589 SMP female right angle connector with crimp/solder attachment for ET-RG178 and ET-RG196 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 8 GHz and offers excellent VSWR of 1.1:1. 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. Ebeestock 8 GHz SMP connectors are designed to offer a low cost alternative where the SMP form factor is desired but the standard SMP frequency range is not needed. The line of 8 GHz SMP connectors is fully compatible with industry standard SMP and GPO® connectors. These SMP connectors offer a low cost high performance blind-mate solution for lower frequency applications. The Male versions of the 8 GHz SMP is available in Full Detent, Limited Detent, and Smooth Bore versions.

Our SMP female right angle connector ET11589 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		8	GHz
VSWR			1.1:1	

Mechanical Specifications

Size

 Length
 0.34 in [8.64 mm]

 Width/Dia.
 0.15 in [3.81 mm]

 Height
 0.285 in [7.24 mm]

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 Crimp/Solder Attachment for ET-RG178, ET-RG196, Up To 8 GHz ET11589

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



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Weight 0.3033 lbs [137.57 g]

Material Specifications

Description	Material	Plating	
Contact	Beryllium Copper	Gold MIL-DTL-45204	
Insulation	PTFE		
Outer Conductor	Beryllium Copper	Gold MIL-DTL-45204	
Body	Brass	Gold MIL-DTL-45204	

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

Humidity MIL-STD-202, Method 106 (except 7b omitted)

Shock

MIL-STD-202, Method 213, Condition I

Vibration

MIL-STD-202, Method 204, Condition D

Salt Spray

MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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SMP Female Right Angle Connector Crimp/Solder Attachment for ET-RG178, ET-RG196, Up To 8 GHz 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-crimp-solder-attachment-for-rg1 78-rg196-up-to-8-ghz-0011589

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.

ET11589 CAD Drawing

SMP Female Right Angle Connector Crimp/Solder Attachment for ET-RG178, ET-RG196, Up To 8

