

SMP Female Connector Solder Attachment for ET-ET-RG178, ET-R G196



# RF Connectors Technical Data Sheet

ET11506

# Configuration

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

- Straight Body Geometry
- ET-RG178, ET-RG196 Interface Type
- Solder/Solder Attachment

## Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

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

# Applications

General Purpose Test

Custom Cable Assemblies

## Description

Ebeestock's ET11506 SMP female connector with solder/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 3 GHz and offers excellent VSWR of 1.25:1. 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.

Our SMP female connector ET11506 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		3	GHz
VSWR			1.25:1	

## Mechanical Specifications

Size	
Length	0.25 in [6.35 mm]
Width/Dia.	0.135 in [3.43 mm]
Weight	0.003 lbs [1.36 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Female Connector Solder Attachment for ET-RG178, ET-RG196 ET11506

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#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	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:

SMP Female Connector Solder Attachment for ET-RG178, ET-RG196 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: SMP Female Connector Solder Attachment for ET-RG178, ET-RG196

**URL:** https://www.ebeestock.com/smp-female-connector-solder-attachment-for-rg178-rg196-0011506

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.

ET11506 CAD Drawing
SMP Female Connector Solder Attachment for ET-RG178, ET-RG196

