

SMP Male Limited Detent Hermetically Sealed Connector Solder
Attachment Solder Mount Pin Terminal .030 inch Pin Length, Full Radius



RF Connectors Technical Data Sheet

ET11558

Configuration

- Limited Detent SMP Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 40 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Kovar Contact

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

Pin Interface Type

Solder Attachment

Solder

Applications

General Purpose Test

Description

Ebeestock's ET11558 SMP male limited detent solder mount hermetically sealed connector with solder attachment pin terminal is part of our full line of RF components available for same-day shipping. Our SMP male connector operates up to a maximum frequency of 40 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 male solder connector ET11558 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		40	GHz
VSWR			1.25:1	

Mechanical Specifications

Size

 Length
 0.17 in [4.32 mm]

 Width/Dia.
 0.145 in [3.68 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 Male Limited Detent Hermetically Sealed Connector Solder Attachment Solder Mount Pin Terminal .030 inch Pin Length, Full Radius ET11558

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



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Material Specifications

Description	Material	Plating
Contact	Kovar	Gold MIL-G-45204
Insulation	7070 Glass	
Outer Conductor	Kovar	Gold
Body	Kovar	Gold MIL-G-45204

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Assembly Instruction

SMP Male Limited Detent Hermetically Sealed Connector Solder Attachment Solder Mount Pin Terminal .030 inch Pin Length, Full Radius 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-male-limited-detent-hermetically-sealed-connector-solder-att achment-solder-mount-pin-terminal-030-inch-pin-length-full-radius-0011558

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. <a href="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.

ET11558 CAD Drawing

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