



RF Connectors Technical Data Sheet

ET11097

Configuration

- SHV Plug Connector
- MIL-STD-348A
- 50 Ohms

Features

- Max. Operating Frequency 300 MHz
- Good VSWR of 1.5:1
- Applications
 - General Purpose Test

- Straight Body Geometry
- Connector Interface Types: ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch
- Gold Plated Brass Contact
- 30 µin minimum contact plating
- Custom Cable Assemblies

Description

Ebeestock's ET11097 SHV plug connector with clamp/solder attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100 and .100 inch is part of our full line of RF components available for same-day shipping. Our SHV plug connector operates up to a maximum frequency of 300 MHz and offers good VSWR of 1.5:1.

Our SHV plug connector ET11097 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

	Typical	Maximum	Units
DC		300	MHz
		1.5:1	
		1,100	Vrms
	DC	DC	1.5:1

Mechanical Specifications

Size

Length
Width/Dia.

1.83 in [46.48 mm]
0.571 in [14.50 mm]
Weight

0.06 lbs [27.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SHV Plug Connector Clamp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch ET11097

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	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 16 in-lbs [1.81 Nm]

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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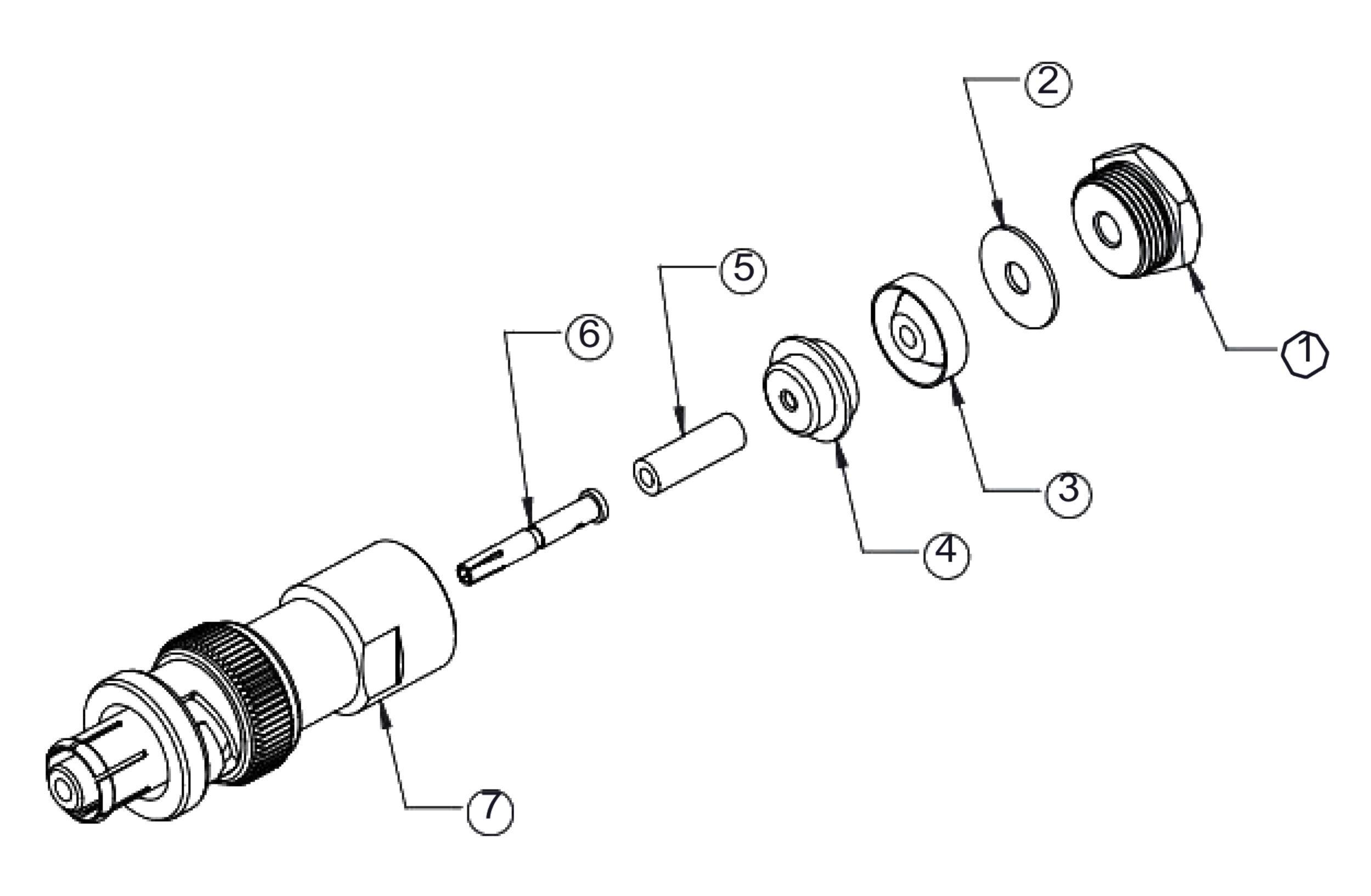




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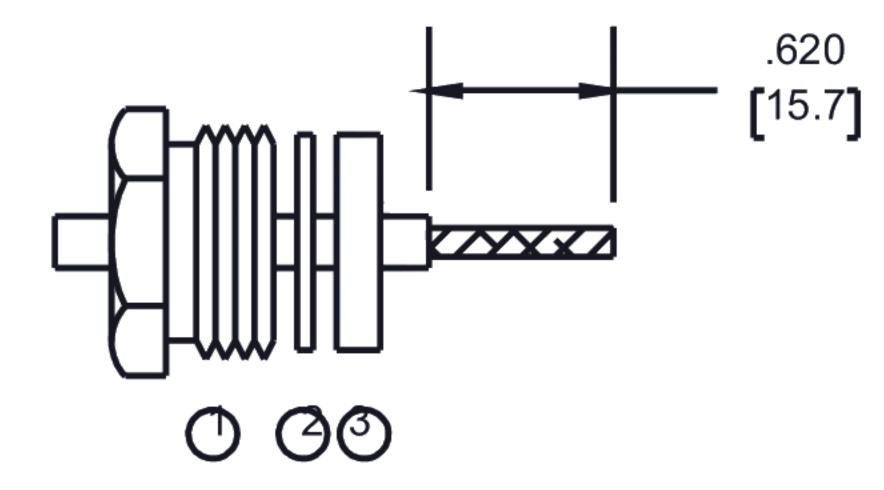
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Assembly Instruction

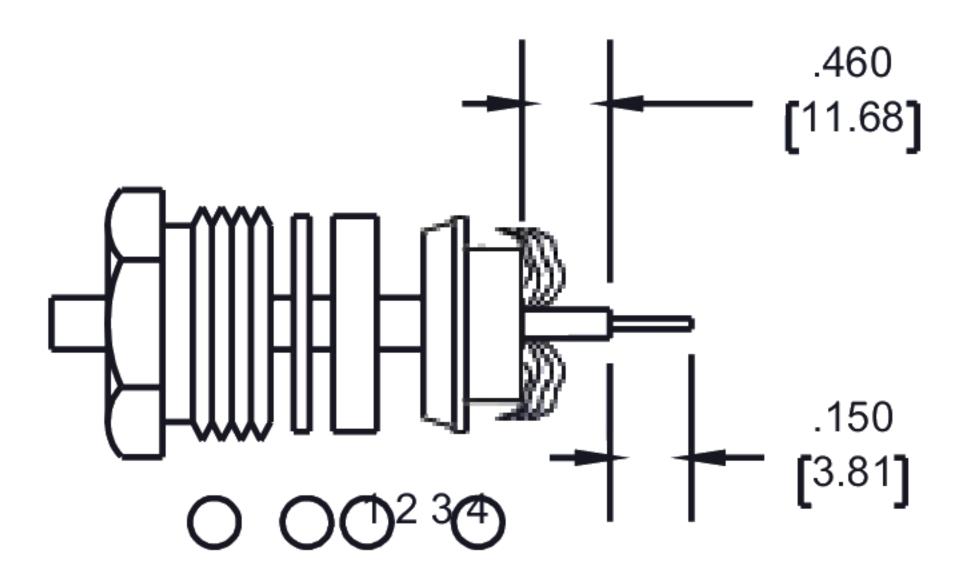


ASSEMBLY PROCEDURES

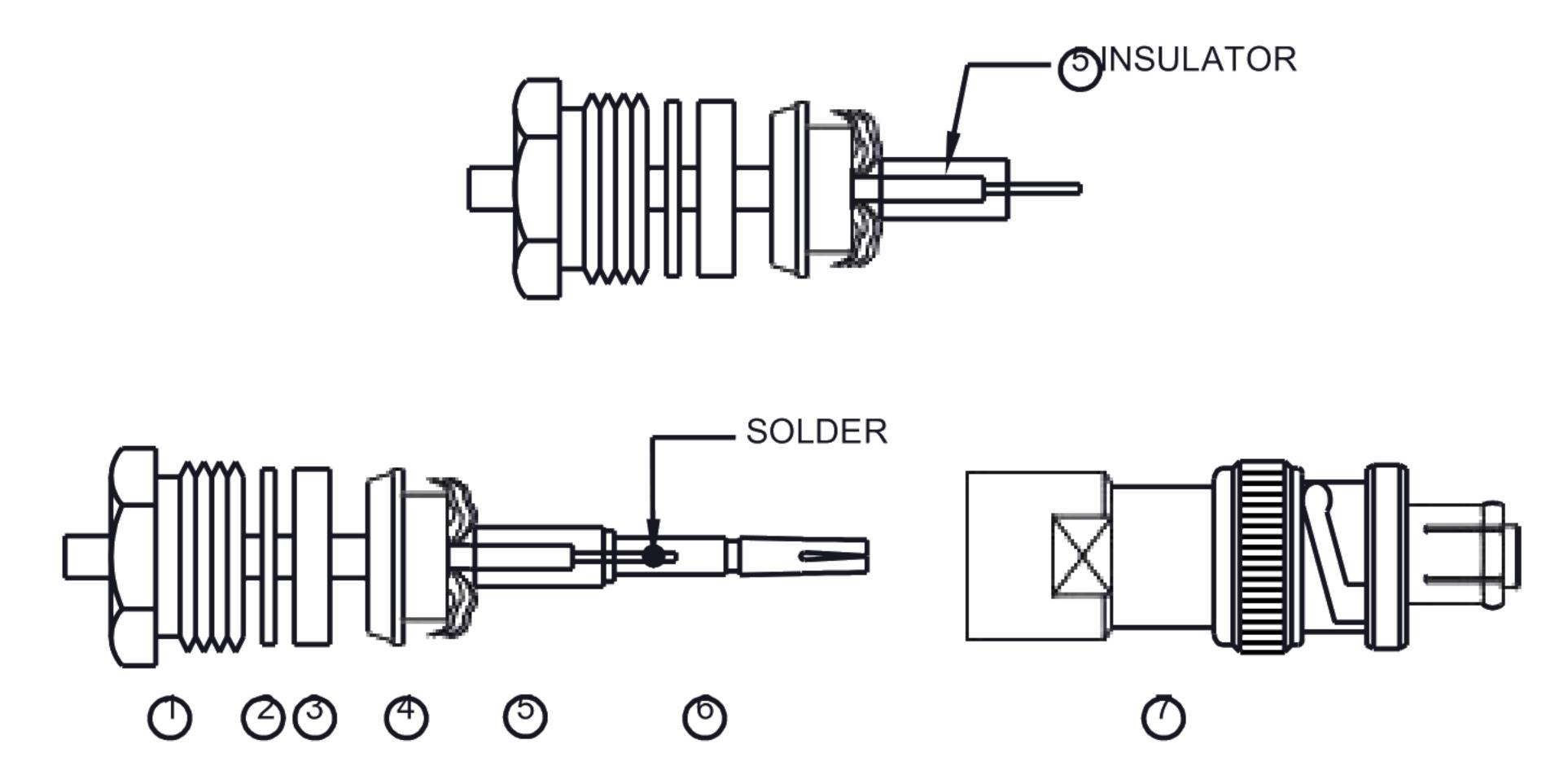
1. SLIDE CLAMP NUT () THINNER WASHER 2 GASKET 3 OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP FOVER BRAID & SEATAGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SLIDE INSULATOR AGAINST THE BRAID CLAMP. SOLDER CONTACT 6 TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY A TIGHTEN WITH RECOMMENDED TORQUE: 16 in-lbs.



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SHV Plug Connector Clamp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch ET11097

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
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SHV Plug Connector Clamp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SHV Plug Connector Clamp/SolderAttachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch ET11097

URL: https://www.ebeestock.com/shv-plug-connector-clamp-solder-attachment-for-rg174-rg316-rg188 -lmr-100-pe-b100-pe-c100-100-inch-0011097

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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