

SMA Female Connector Crimp/Solder Attachment for ET-RG316, E T-ET-RG174, ET-LMR-100, ET-RG188, ET-B100, ET-C100, 0.100 inch



RF Connectors Technical Data Sheet

ET11313

Configuration

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

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1

- Straight Body Geometry
- Connector Interface Types: ET-RG316, ET-RG174, ET-LMR-100, ET-RG188, ET-B100, ET-C100, 0.100 inch
- Gold Plated Beryllium Copper Contact
- 50µ in. minimum contact plating

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET11313 SMA female connector with crimp/solder attachment for ET-RG316, ET-RG174, ET-LMR-100, ET-RG188, ET-B100, ET-C100 and 0.100 inch is part of our full line of RF components available for same-day shipping. Our SMA female connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1.

Our SMA female connector ET11313 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 | | 6 | GHz |
| VSWR | | | 1.3:1 | |
| Operating Voltage (AC) | | | 335 | Vrms |
| | | | | |

Performance by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-----------------|---------|----|----|----|----|-------|
| Frequency Range | DC to 3 | | | | | GHz |
| VSWR, Max | 1.21:1 | | | | | |
| | | | | | | |

Mechanical Specifications

Size

Length 0.591 in [15.01 mm] Width/Dia. 0.25 in [6.35 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Connector Crimp/Solder Attachment for ET-RG316, ET-RG174, ET-LMR-100, ET-RG188, ET-B100, ET-C100, 0.100 inch ET11313

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



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Weight 0.01 lbs [4.54 g]

Material Specifications

| Description | Material | Plating | | |
|-----------------|------------------|-------------------------|--|--|
| Contact | Beryllium Copper | Gold 50µ in. minimum | | |
| Insulation | Teflon | | | |
| Outer Conductor | Brass | Gold 3µ in. minimum | | |
| Body | Brass | Gold 3µ in. minimum | | |
| | | | | |

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

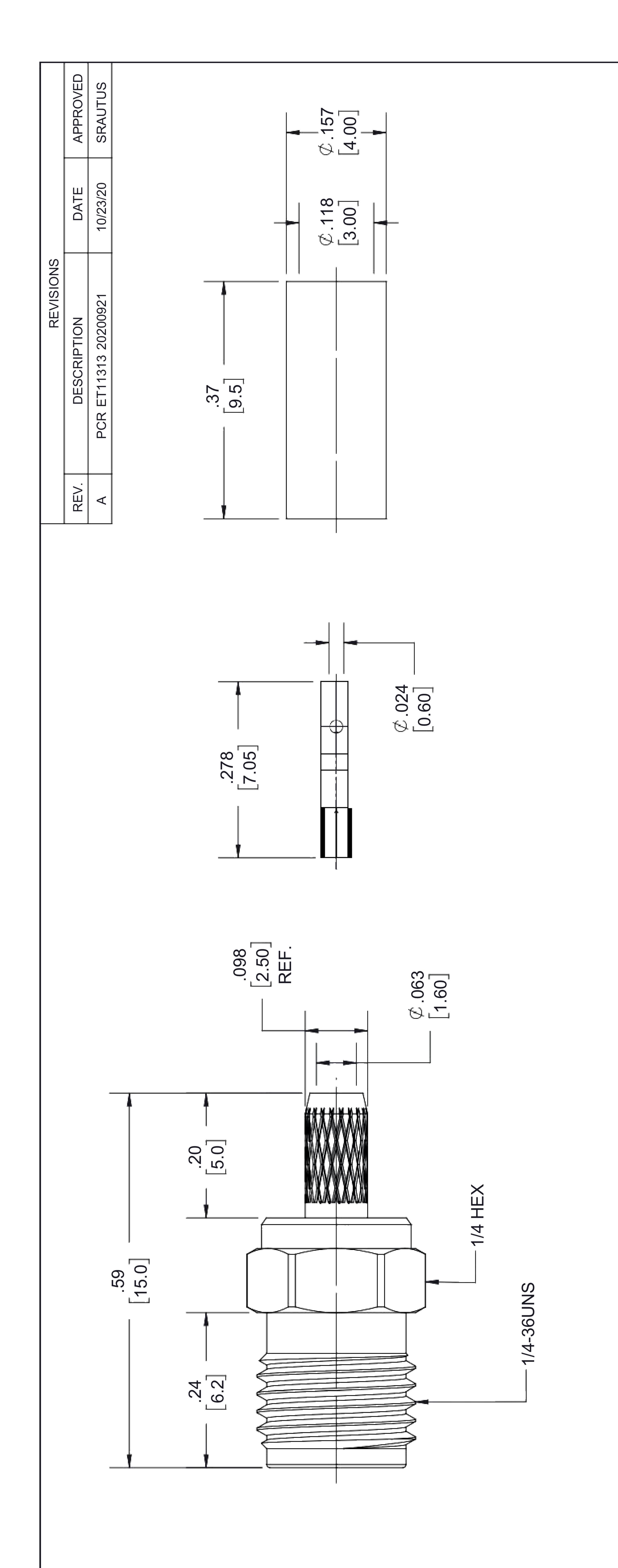
SMA Female Connector Crimp/Solder Attachment for ET-RG316, ET-RG174, ET-LMR-100, ET-RG188, ET-B100, ET-C100, 0.100 inch from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

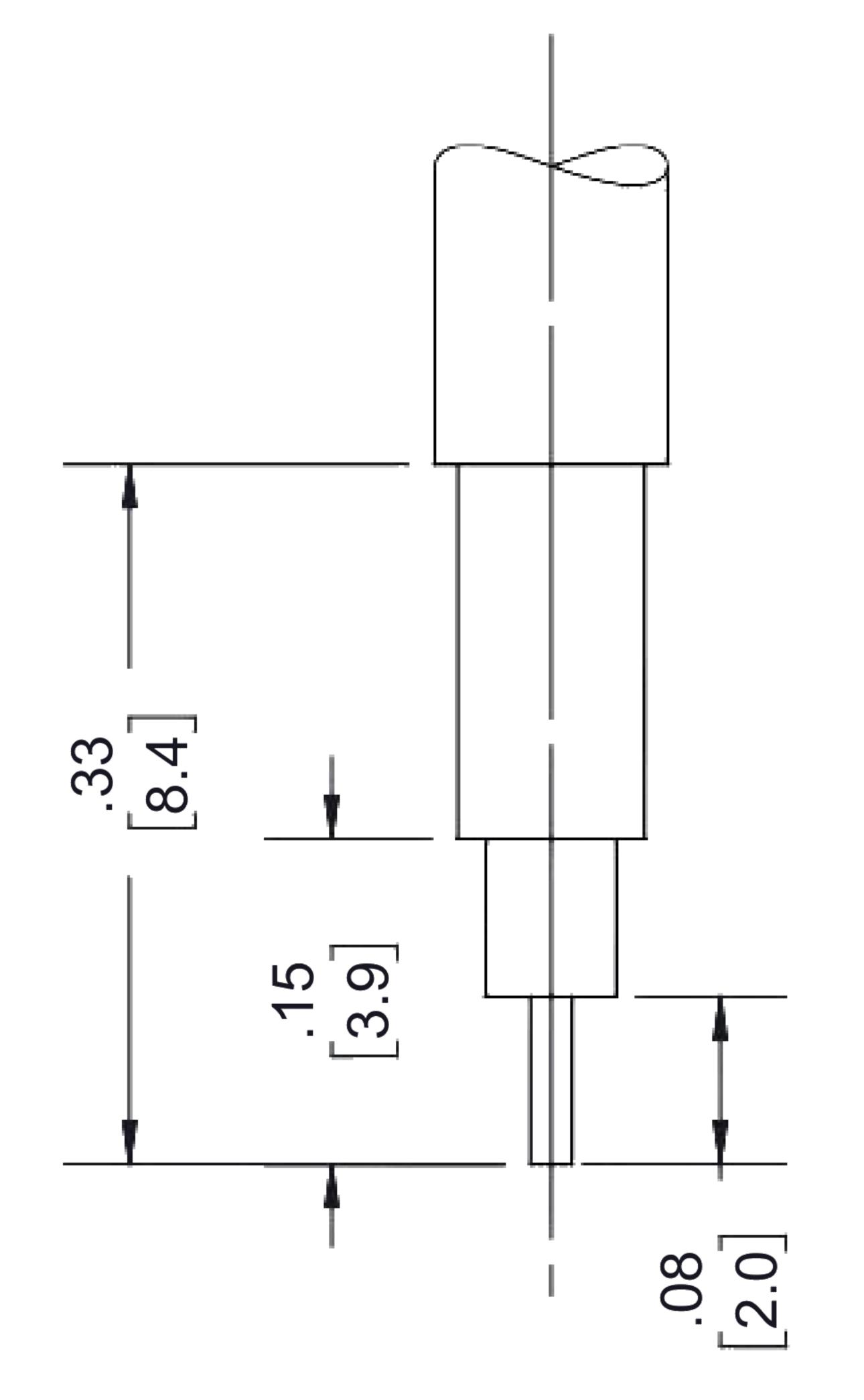
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URL: https://www.ebeestock.com/sma-female-connector-crimp-solder-attachment-for-rg316-rg174-lmr -100-rg188-pe-b100-pe-c100-0-100-inch-0011313

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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STRIPPING DIMENSIO



- 2. SLIDE FERRULE ONTO CABLE
- 3. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
- FIND TO THE BOAT ONLY ON THE BOAT ON THE STATE OF THE BOAT ONLY OF THE BOAT ONLY OF THE BOAT ONLY OF THE BOAT ONLY OF THE BOAT OF THE BOAT
- 5. SLIDE FERRULE OVER BRAID AND CRIMP WITH .138" [3.5] HEX CRIMP TOOL.



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