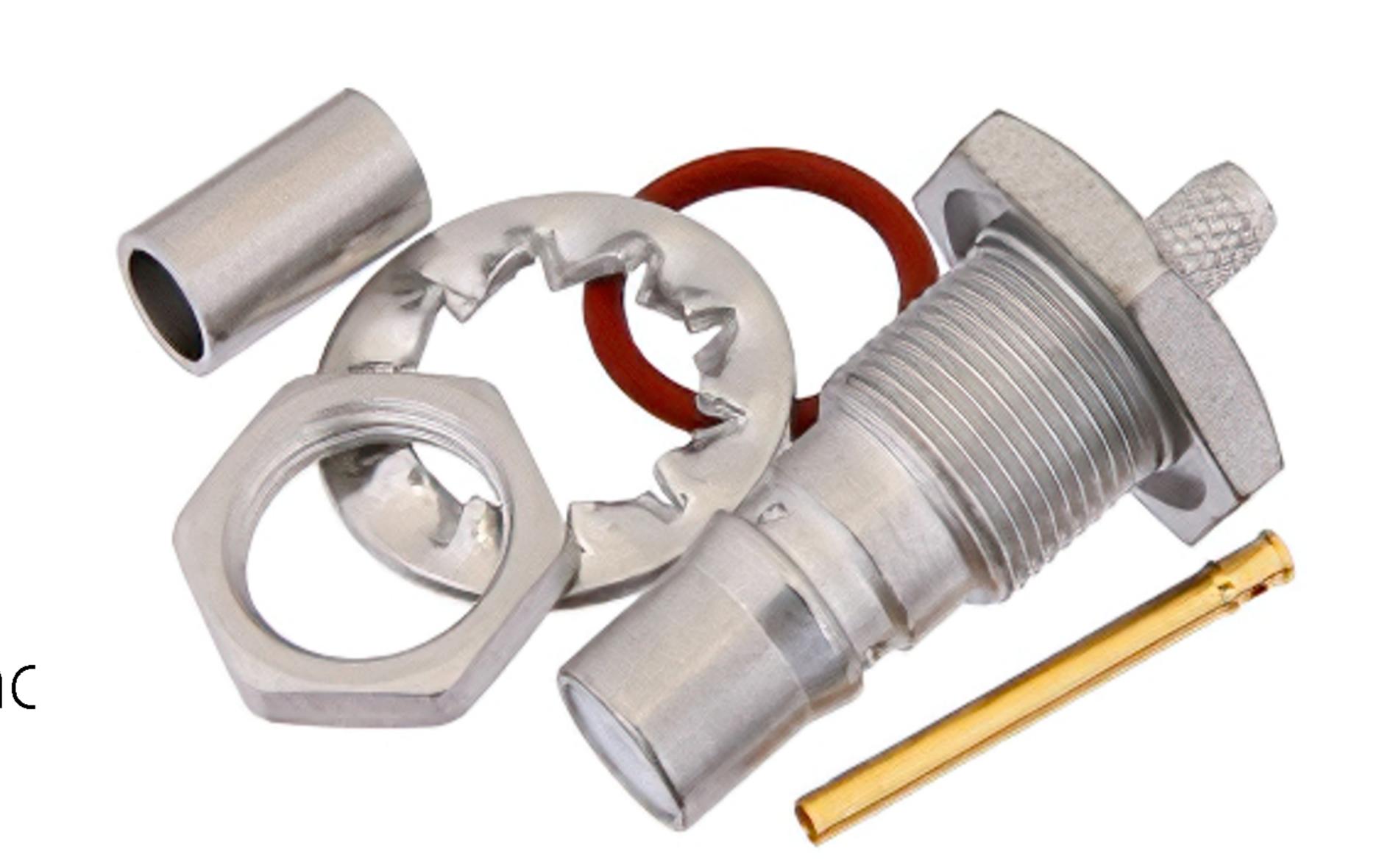


QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-C100, ET-LMR-100, .268 inc



# RF Connectors Technical Data Sheet

ET11050

# Configuration

- QMA Female Connector
- 50 Ohms
- Straight Body Geometry
- ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-

C100, ET-LMR-100 Interface Type

- Crimp/Solder Attachment
- Bulkhead

### Features

• Max. Operating Frequency 18 GHz

Gold Plated Beryllium Copper Contact

# Applications

General Purpose Test

- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

Ebeestock's ET11050 QMA female bulkhead connector with crimp/solder attachment for ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-C100 and ET-LMR-100 (.268 inch D hole) is part of our full line of RF components available for same-day shipping. Our QMA female connector operates up to a maximum frequency of 18 GHz. This QMA bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our QMA female bulkhead connector ET11050 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

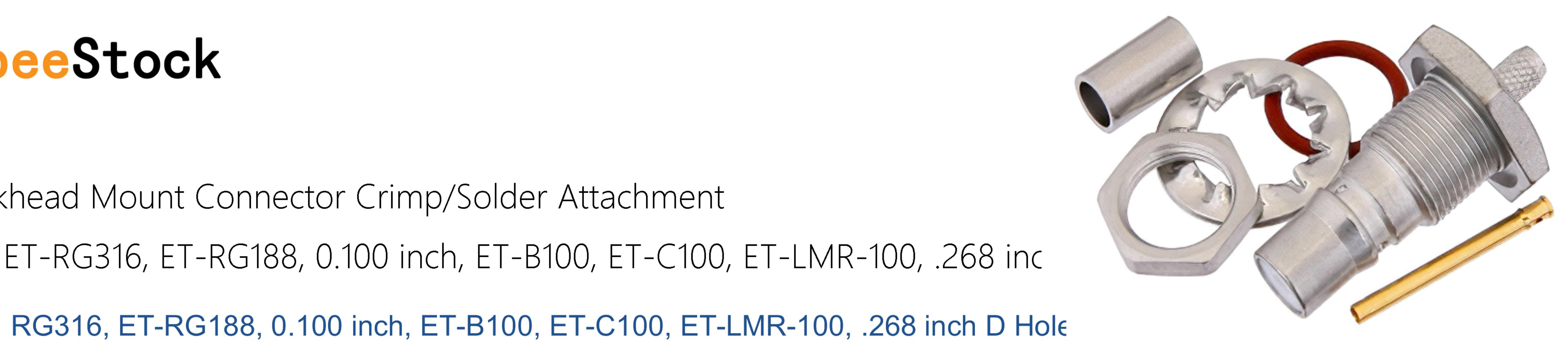
Frequency Range	DC	18	GHz
Operating Voltage (AC)		350	Vrms
Test Voltage (AC)		750	Vrms
Inner Conductor DC Resistance		3	mOhms
Outer Conductor DC Resistance		2.5	mOhms
Insulation Resistance	5,000		MOhms

Performance by Frequency							
Frequency Range	DC to 3	3 to 6				GHz	
VSWR, Max	1.07:1	1.11:1					

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-RG174, ET-



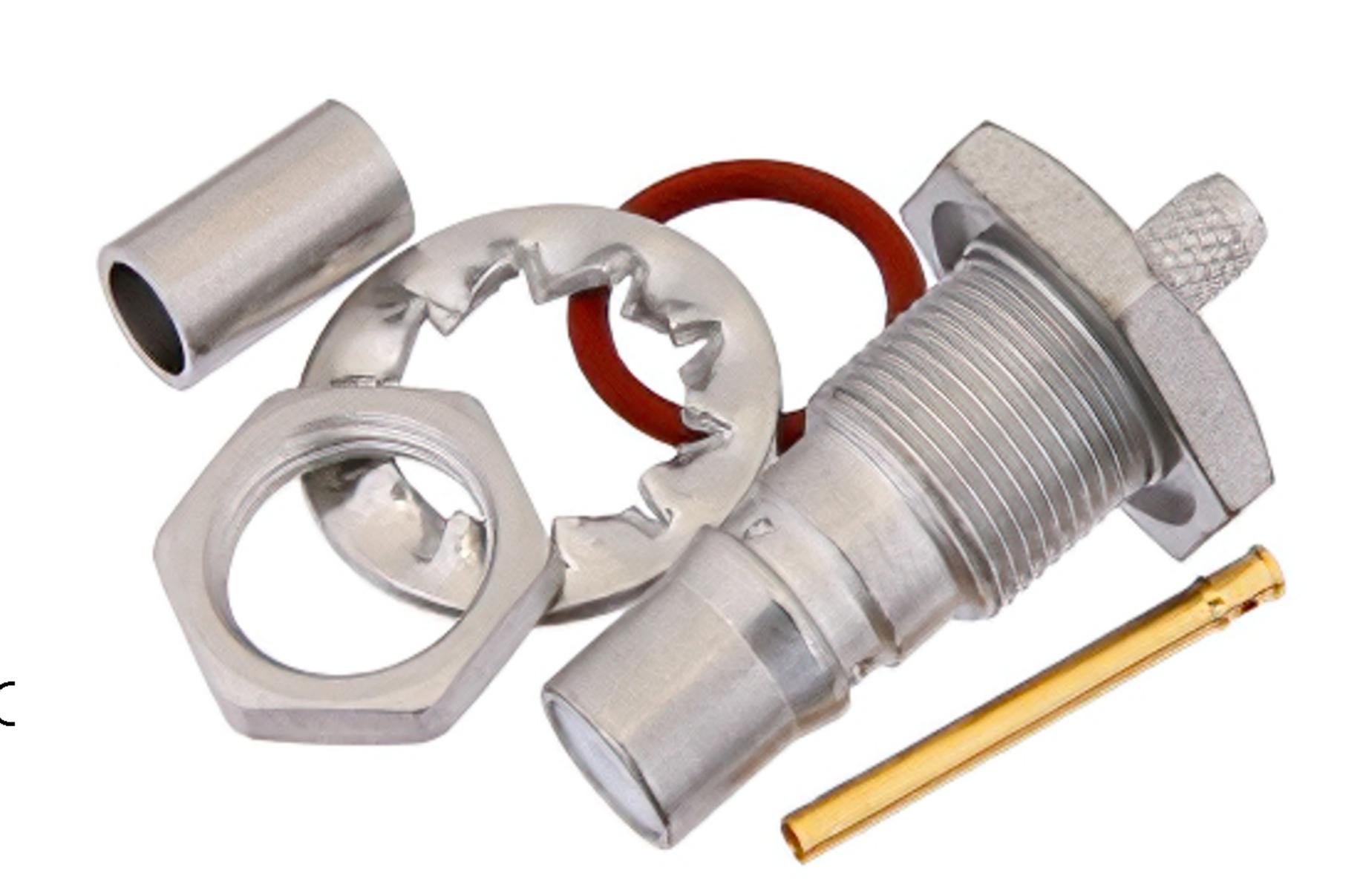
QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-C100, ET-LMR-100, .268 inc



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



QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-C100, ET-LMR-100, .268 inc



# RF Connectors Technical Data Sheet

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Electrical Specification Notes:

RF leakage: 95 dB (up to 2 GHz), 80 dB (up to 4 GHz), 70 dB (up to 6 GHz) min. Insertion loss = 0.05 x sqrt(fGHz) dB max up to 6 GHz.

## Mechanical Specifications

Size

 Length
 0.95 in [24.13 mm]

 Width/Dia.
 0.44 in [11.18 mm]

 Weight
 0.006 lbs [2.72 g]

 Mating Cycles
 100 Cycles

## Material Specifications

Description	Material	Plating	
Contact	Beryllium Copper	Gold	
Insulation	PTFE		
Body	Brass	Tri-Metal	

## **Environmental Specifications**

Temperature

Operating Range -40 to +85 deg C Storage Range -40 to +85 deg C

 Humidity
 IEC 60169-1 16.3 (96 hours)

 Vibration
 IEC 60068-2-64 random

 Thermal Shock
 IEC 60169-1 16.4 (-40/+85°C)

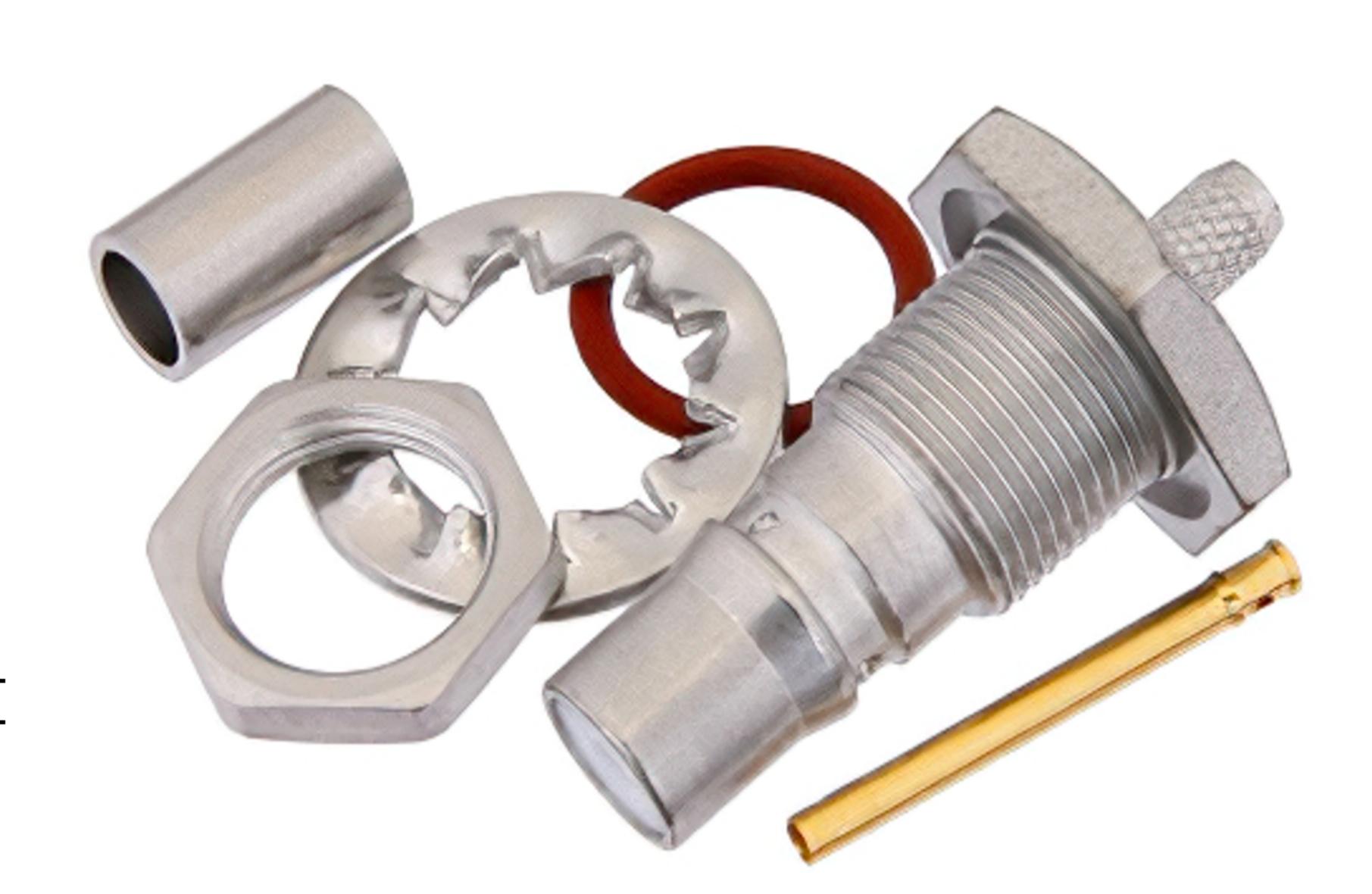
 Salt Spray
 IEC 60109-1 16.7 (48 hrs)

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-C100, ET-LMR-100, .268 inch D Hole ET11050

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QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET-C100, ET-LMR-100, .268 inc



## RF Connectors Technical Data Sheet

ET11050

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, 0.100 inch, ET-B100, ET- C100, ET-LMR-100, .268 inch D Hole 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: QMA Female Bulkhead Mount Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188,

0.100 inch, ET-B100, ET-C100, ET-LMR-100, .268 inch D Hole ET11050

**URL:** https://www.ebeestock.com/qma-female-bulkhead-mount-connector-crimp-solder-attachment-for-rg174-rg316-rg188-0-100-inch-pe-b100-pe-c100-lmr-100-268-inch-d-hole-0011050

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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