

QMA Male Right Angle Connector Crimp/Solder Attachment for E T38399, ET38398



# RF Connectors Technical Data Sheet

ET11048

## Configuration

- QMA Male Connector
- 50 Ohms
- Right Angle Body Geometry

- ET38399, ET38398 Interface Type
- Crimp/Solder Attachment

### Features

• Max. Operating Frequency 18 GHz

Gold Plated Brass Contact

## Applications

General Purpose Test

Custom Cable Assemblies

#### Description

Ebeestock's ET11048 QMA male right angle connector with crimp/solder attachment for ET38399 and ET38398 is part of our full line of RF components available for same-day shipping. Our QMA male connector operates up to a maximum frequency of 18 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our QMA male right angle connector ET11048 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		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

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 4	4 to 6			GHz
VSWR, Max	1.11:1	1.14:1	1.29:1			

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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QMA Male Right Angle Connector Crimp/Solder Attachment for ET38399, ET38398 ET11048

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



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### Mechanical Specifications

Size

 Length
 0.63 in [16 mm]

 Width/Dia.
 0.41 in [10.41 mm]

 Height
 0.71 in [18.03 mm]

 Weight
 0.006 lbs [2.72 g]

 Mating Cycles
 100 Cycles

## Material Specifications

Description	Material	Plating	
Contact	Brass	Gold	
Insulation	PTFE		
Outer Conductor	Spring Bronze	Tri-Metal	
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)

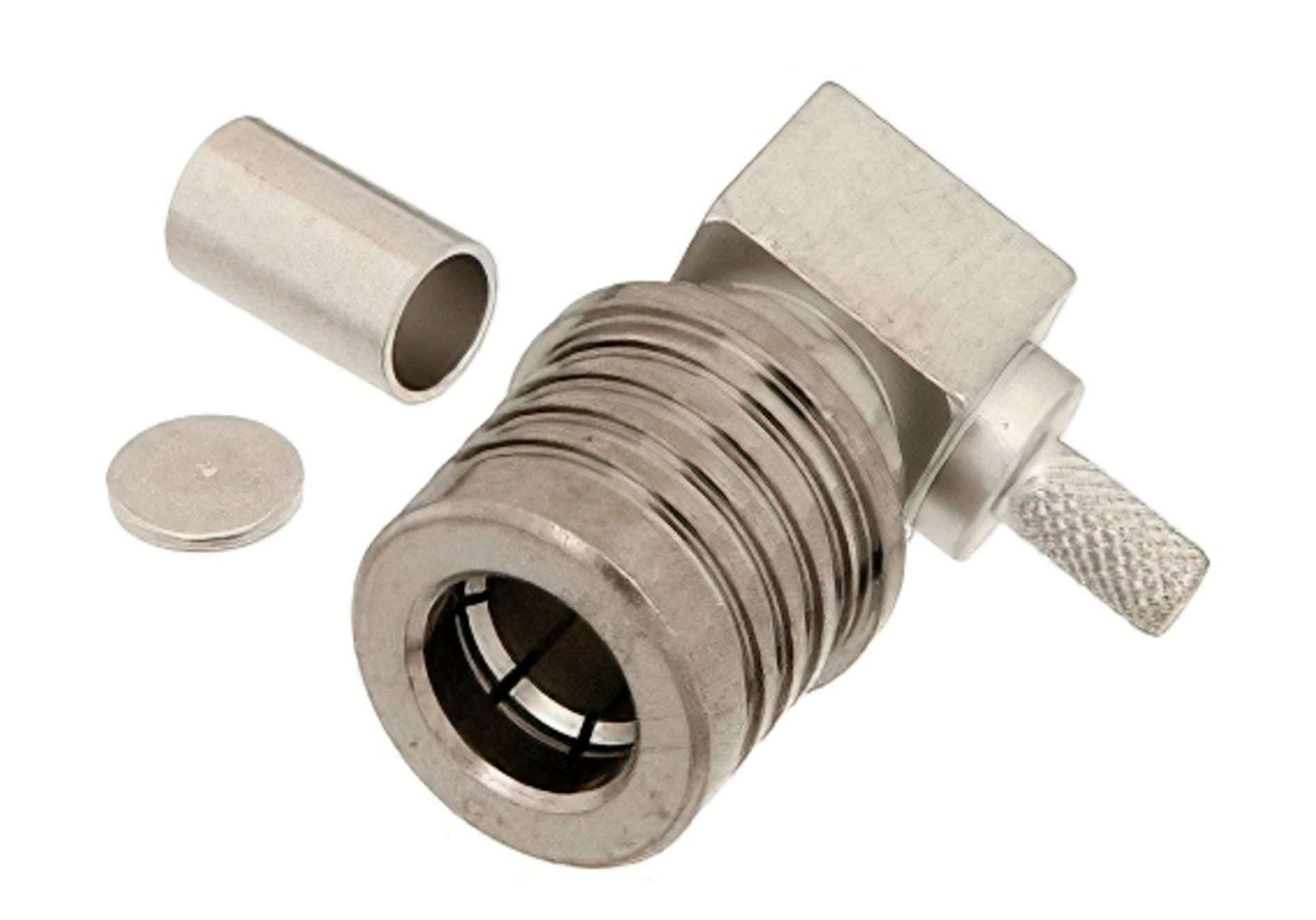
 Salt Spray
 IEC 60109-1 16.7 (48 hrs)

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Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

QMA Male Right Angle Connector Crimp/Solder Attachment for ET38399, ET38398 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 Male Right Angle Connector Crimp/Solder Attachment for ET38399, ET38398 ET11048

**URL:** https://www.ebeestock.com/qma-male-right-angle-connector-crimp-solder-attachment-for-rg316 -ds-rg188-ds-0011048

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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