

QN Male Connector Crimp/Solder Attachment for ET-RG55, ET-ET-RG141, ET-ET-RG142, ET-RG223, ET-RG400



## RF Connectors Technical Data Sheet

ET11080

# Configuration

- QN Male Connector
- 50 Ohms
- Straight Body Geometry

- ET-RG55, ET-RG141, ET-RG142, ET-RG223, ET-RG400 Interface Type
- Crimp/Solder Attachment

#### Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.2:1

Silver Plated Brass Contact

# Applications

General Purpose Test

Custom Cable Assemblies

#### Description

Ebeestock's ET11080 QN male connector with crimp/solder attachment for ET-RG55, ET-RG141, ET-RG142, ET-RG223 and ET-RG400 is part of our full line of RF components available for same-day shipping. Our QN male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.2:1.

Our QN male connector ET11080 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			1.2:1	
Insertion Loss			0.12	dB
Operating Voltage (AC)			850	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Electrical Specification Notes:

Insertion loss = 0.048 x sqrt(fGHz) dB max.

### Mechanical Specifications

Size

 Length
 1.38 in [35.05 mm]

 Width/Dia.
 0.75 in [19.05 mm]

 Weight
 0.038 lbs [17.24 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QN Male Connector Crimp/Solder Attachment for ET-RG55, ET-RG141, ET-RG142, ET-RG223, ET-RG400 ET11080

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



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Mating Cycles 100 Cycles

#### **Material Specifications**

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Outer Conductor	Beryllium Copper	Nickel
Body	Brass	Silver

## **Environmental Specifications**

Temperature

Operating Range

-55 to +125 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

QN Male Connector Crimp/Solder Attachment for ET-RG55, ET-RG141, ET-RG142, ET-RG223, ET-RG400 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: QN Male Connector Crimp/Solder Attachment for ET-RG55, ET-RG141, ET-RG142, ET-RG223,


**URL:** https://www.ebeestock.com/qn-male-connector-crimp-solder-attachment-for-rg55-rg141-rg142-r g223-rg400-0011080

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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# ET11080 CAD Drawing

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ET11080 REV 1.1