

N Female Bulkhead Mount Precision Connector Clamp/Solder Att achment for ET38353



RF Connectors Technical Data Sheet

ET10955

Configuration

- N Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 18 GHz
- Excellent VSWR of 1.16:1

- ET38353 Interface Type
- Clamp/Solder Attachment

• 50 µin minimum contact plating

Gold over Nickel Plated Beryllium Copper Contact

- Bulkhead
- Precision Design

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Precision Test & Measurement
- Custom Cable Assemblies

Description

Ebeestock's ET10955 type N female bulkhead precision connector with clamp/solder attachment for ET38353 is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.16:1. This type N 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 type N female bulkhead connector ET10955 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 |
| VSWR | | | 1.16:1 | |
| Operating Voltage (AC) | | | 250 | Vrms |
| Dielectric Withstanding Voltage (AC) | | | 750 | Vrms |
| High Potential Voltage | | | 500 | Vrms |
| 5 to 7.5 MHz | | | | |
| Corona Discharge | | | 190 | Vrms |
| at 70,000 ft | | | | |
| Insulation Resistance | 5,000 | | | MOhms |
| RF Leakage | 90 | | | dB |
| | | | | |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Bulkhead Mount Precision Connector Clamp/Solder Attachment for ET38353 ET10955

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



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Performance by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-----------------|------------|------------|----|----|----|-------|
| Frequency Range | DC to 12.4 | 12.4 to 18 | | | | GHz |
| VSWR, Max | 1.14:1 | 1.16:1 | | | | |

Electrical Specification Notes:

Insertion loss: 0.04 x sqrt(fGHz) dB max.

Mechanical Specifications

Size

Length
Width/Dia.

1.62 in [41.15 mm]
0.875 in [22.23 mm]

Weight

0.092 lbs [41.73 g]

Mating Cycles 500 Cycles

Mating Torque 20 to 25 in-lbs [2.26 to 2.83 Nm]

Material Specifications

| Description | Material | Plating |
|-------------|----------------------------|------------------------------------|
| Contact | Beryllium Copper | Gold over Nickel 50 µin minimum |
| Insulation | PEI | |
| Body | Passivated Stainless Steel | SAE-AMS-2700 |
| | | |

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Humidity
Shock
MIL-STD-202, Method 106, No Vibration
MIL-STD-202, Method 213, Condition I
MIL-STD-202, Method 204, Condition D
MIL-STD-202, Method 107, Condition B

Salt Spray MIL-STD-202, Method 101, Condition B (5%)

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

N Female Bulkhead Mount Precision Connector Clamp/Solder Attachment for ET38353 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.

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URL: https://www.ebeestock.com/n-female-bulkhead-mount-precision-connector-clamp-solder-attachm ent-for-pe-p142ll-0010955

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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