

N Male Right Angle Low PIM Connector Solder Attachment for E T38402, ET38402-LF



RF Connectors Technical Data Sheet



Times Microwave Systems Connector Specification Configuration

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

- Connector Interface Types: ET38402, ET38400
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- PIM levels lower than -160 dBc

- Silver Plated Brass Contact
- 5 µm contact plating
- IP 67 Rated

Applications

- General Purpose Test
- Wireless Communications
- Custom Cable Assemblies
- Low PIM Applications
- Distributed Antenna Systems (DAS)

Description

Ebeestock's ET11033 type N male right angle connector with solder/solder attachment for ET38402 and TFT- 402-LF is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. The type N male connector also has low passive intermodulation of -160 dBc. Its right angle body geometry allows for easier connections in tight spaces. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our type N male right angle connector ET11033 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 | |
| Insertion Loss | | | 0.1 | dB |
| Passive Intermodulation | | | -160 | dBc |
| Operating Voltage (DC) | | | 1,000 | Vdc |
| Inner Conductor DC Resistance | | | 1 | mOhms |
| Outer Conductor DC Resistance | | | 1 | mOhms |
| Insulation Resistance | 5,000 | | | MOhms |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Right Angle Low PIM Connector Solder Attachment for ET38402, ET38400 TC-402-NM-RA-LP

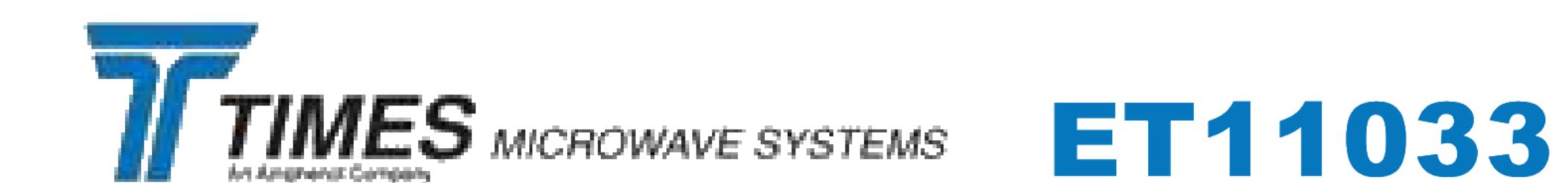
8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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Electrical Specification Notes: Insertion Loss is 0.1*sqrt(FGHz)

Mechanical Specifications

Size

Length 1.094 in [27.79 mm] 0.37 in [9.40 mm] Width/Dia.

10 in-lbs [1.13 Nm] Mating Torque

Material Specifications

| Description | Material | Plating | |
|--------------|-----------------|-------------------|--|
| Contact | Brass | Silver 5 µm | |
| Insulation | PTFE | | |
| Body | Brass | Tri-Metal 3 µm | |
| Coupling Nut | Brass | Tri-Metal 3 µm | |
| Gasket | Silicone Rubber | | |

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C Ingress Protection (IP) Rating IP 67 Rated

US MIL-STD 202, Meth. 213, Cond. I Shock US MIL-STD 202, Meth. 204, Cond. B Vibration US MIL-STD 202, Meth. 107, Cond. B Thermal Shock

Environmental Specification Notes: Weather Standard: TEC 60068 55/155/21

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Right Angle Low PIM Connector Solder Attachment for ET38402, ET38400 TC-402-NM-RA-LP

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
N Male Right Angle Low PIM Connector Solder Attachment for ET38402, ET38400 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Right Angle Low PIM Connector Solder Attachment for ET38402, ET38400 TC-402-NM-RA-LP

URL: https://www.ebeestock.com/n-male-right-angle-low-pim-connector-solder-attachment-for-tft-4 02-tft-402-lf-0011033

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.

TIMES MICROWAVE SYSTEMS TC-402-NM-RA-LP CAD Drawing N Male Right Angle Low PIM Connector Solder Attachment for TFT-402, TFT-402-LF



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