

N Female Bulkhead Mount Low PIM Connector Solder Attachment for ET38402, ET38402-LF



## RF Connectors Technical Data Sheet



# Times Microwave Systems Connector Specification Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry

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

#### Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.25:1
- PIM levels lower than -160 dBc

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

## Applications

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

### Description

Ebeestock's ET11030 type N female bulkhead connector with solder/solder attachment for ET38402 and ET38402- LF is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. The type N female connector also has low passive intermodulation of -160 dBc. 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. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our type N female bulkhead connector ET11030 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			1.25:1	
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 Female Bulkhead Mount Low PIM Connector Solder Attachment for ET38402, ET38400 ET11030

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 1.358 in [34.49 mm] 0.748 in [19.00 mm] Width/Dia. 10 in-lbs [1.13 Nm] Mating Torque

#### Material Specifications

Description	Material	Plating
Contact	Brass	Silver 5 µm
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 3 µm
Body	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 Female Bulkhead Mount Low PIM Connector Solder Attachment for ET38402, ET38400 ET11030

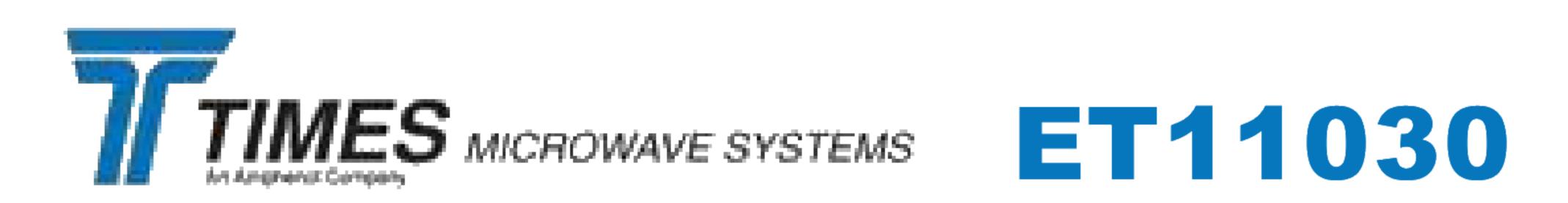
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N Female Bulkhead Mount Low PIM Connector Solder Attachment for ET38402, ET38400 from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and 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 Female Bulkhead Mount Low PIM Connector Solder Attachment for ET38402, ET38400 TC-402-NF-BH-LP

**URL:** https://www.ebeestock.com/n-female-bulkhead-mount-low-pim-connector-solder-attachment-fortft-402-tft-402-lf-0011030

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.

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

# TIMES MICROWAVE SYSTEMS TC-402-NF-BH-LP CAD Drawing N Female Bulkhead Mount Low PIM Connector Solder



ET11030

**JMAY** 

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