

## N Female Connector Solder Attachment Thru Hole PCB, .400 inch x .062 inch Hole Spacing



### PE44396

#### Configuration

- N Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Thru Hole

#### Features

- Max. Operating Frequency 11 GHz
- Silver Plated Beryllium Copper Contact
- Contact plating according to QQ-S-365

#### Applications

- General Purpose Test
- PCB Applications

#### Description

Pasternack's PE44396 type N Female Connector Solder Attachment for Thru Hole Cable, 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 11 GHz.

Our type N female connector PE44396 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack'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, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.968 in [24.59 mm]
Width	0.625 in [15.88 mm]
Weight	0.051 lbs [23.13 g]
Mating Cycles	500 Cycles

#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

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#### Environmental Specifications

**Temperature**

Operating Range

-65 to +165 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

N Female Connector Solder Attachment Thru Hole PCB, .400 inch x .062 inch Hole Spacing from Pasternack 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.

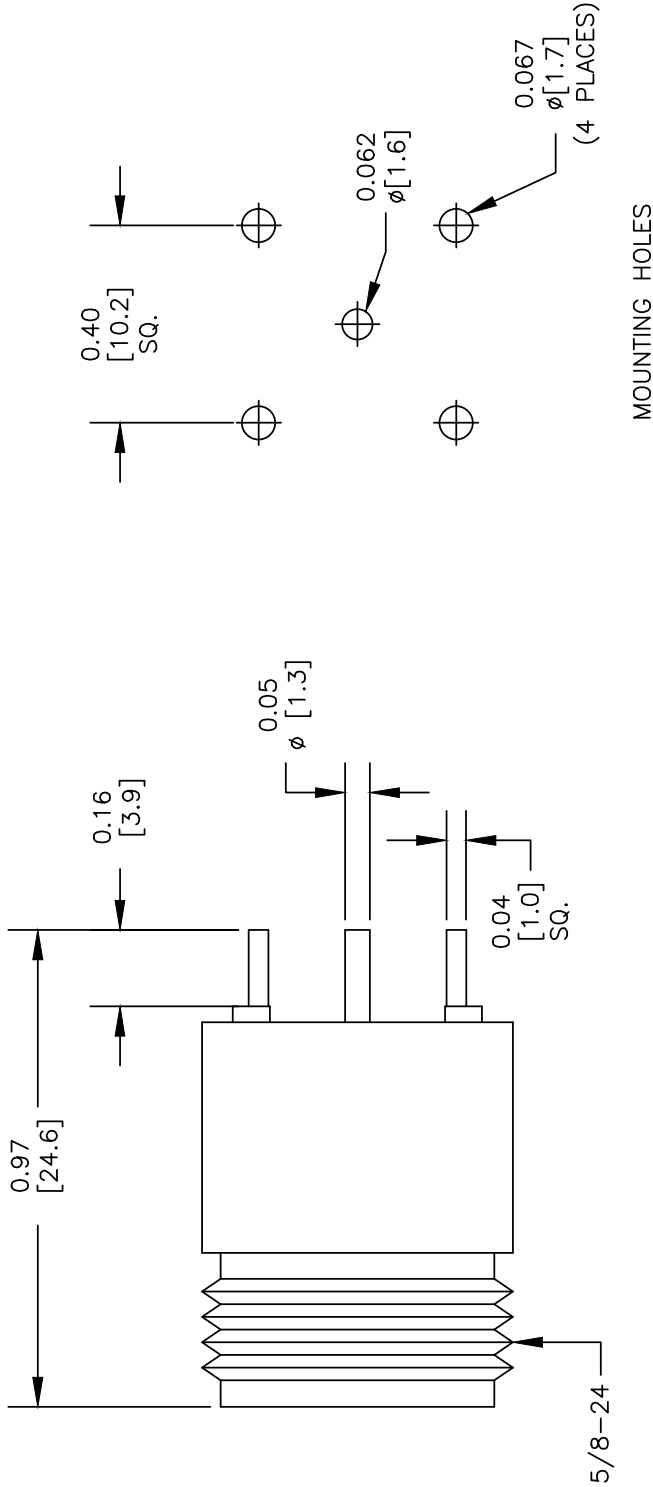
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Connector Solder Attachment Thru Hole PCB, .400 inch x .062 inch Hole Spacing PE44396](#)

URL: <https://www.pasternack.com/n-female-standard-thru-hole-pcb-connector-pe44396.html>

The information contained within 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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE44396 CAD Drawing

N Female Connector Solder Attachment Thru Hole PCB, .400 inch x .062 inch Hole Spacing



DWG TITLE

**PE44396**

FSCM NO. 53919

CAD FILE 072403

SCALE N/A

SIZE A

2233

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES [mm].  
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.



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