



## QN Female Connector Solder Attachment 4 Hole Flange Solder Cup Terminal

### TECHNICAL DATA SHEET

PE44610

#### QN Female Connector Solder Attachment 4 Hole Flange Solder Cup Terminal

##### Configuration

Connector	QN Female
Connector Interface Type	Solder Cup
Cable Attachment Method (Shield/Contact)	Solder
Body Style	Straight
Mount Method	4 Hole Flange

##### Electrical Specifications

Frequency Range, GHz	DC to 11
Impedance, Ohms	50
Maximum Insertion Loss, dB	0.17
Maximum Operating Voltage, Volts	1,000
Dielectric Withstanding Voltage, Vrms	2,500

##### Frequency 1

Frequency, GHz	DC to 2.5
Return Loss, dB	30
Insertion Loss, dB	0.08
Power Handling, Watts	300

##### Frequency 2

Frequency, GHz	2.5 to 4
Return Loss, dB	26
Insertion Loss, dB	0.1

##### Frequency 3

Frequency, GHz	4 to 6
Return Loss, dB	20
Insertion Loss, dB	1.2

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-40 to +125
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###### Size

Length, in [mm]	0.98 [24.89]
Width/Dia., in [mm]	0.69 [17.53]
Height, in [mm]	0.69 [17.53]
Weight, lbs [g]	0.055 [24.95]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QN Female Connector Solder Attachment 4 Hole Flange Solder Cup Terminal PE44610](#)

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.





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**Connector**

Type	QN Female
Mating Cycles	100
Contact Material and Plating	Brass, Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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QN Female Connector Solder Attachment 4 Hole Flange Solder Cup Terminal from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 Female Connector Solder Attachment 4 Hole Flange Solder Cup Terminal PE44610](http://www.pasternack.com/qn-female-standard-solder-cup-terminal-connector-pe44610-p.aspx)

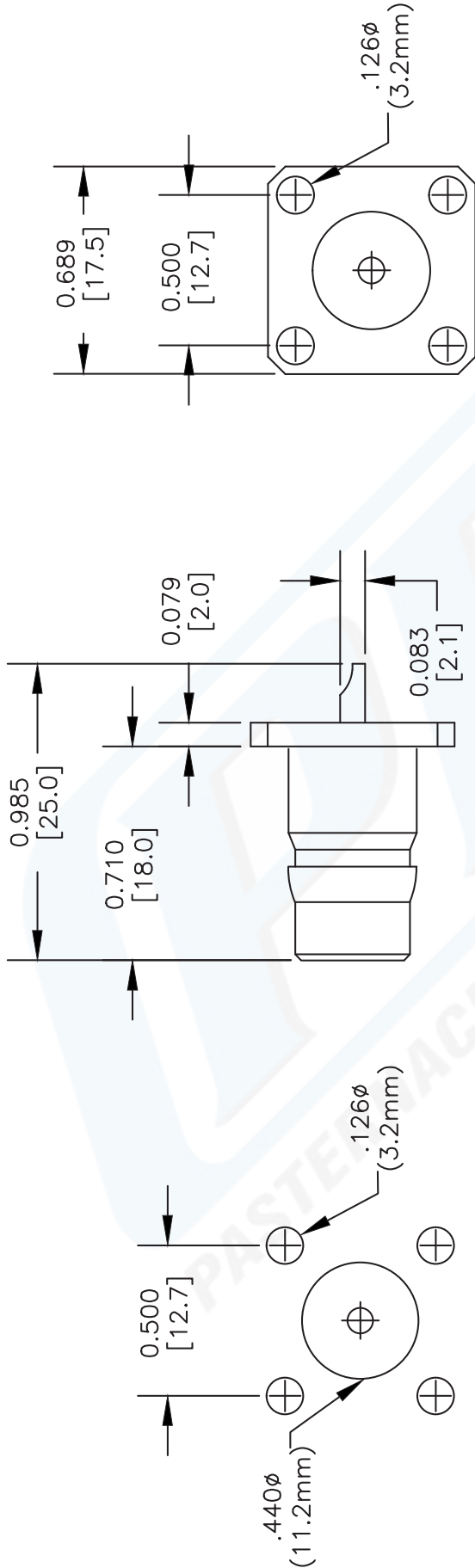
URL: <http://www.pasternack.com/qn-female-standard-solder-cup-terminal-connector-pe44610-p.aspx>

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# PE44610 CAD Drawing

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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].

DWG TITLE  
**PE44610**  
 FSCM NO. 53919  
 CAD FILE 061108  
 SCALE N/A  
 SIZE A  
 XXXX

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