



Precision SMA Male to N Female 4 Hole Flange Adapter

TECHNICAL DATA SHEET

PE9497

Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	N Female
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348
Adapter Design	Precision
Body Style	Straight
Mount Method	4 Hole Flange

Electrical Specifications

Frequency Range	DC to 18 GHz
Maximum VSWR	1.12:1

Frequency 1

Frequency, GHz	DC to 4
VSWR	1.04:1

Frequency 2

Frequency, GHz	4 to 8
VSWR	1.07:1

Mechanical Specifications

Size

Length, in [mm]	1.52 [38.61]
Width/Dia., in [mm]	1 [25.4]
Height, in [mm]	1 [25.4]

Connector 1

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

Connector 2

Type	N Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMA Male to N Female 4 Hole Flange Adapter PE9497](#)



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Environmental Specifications

Temperature

Operating Range

-65 to +125 deg C

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Plotted and Other Data

Notes:

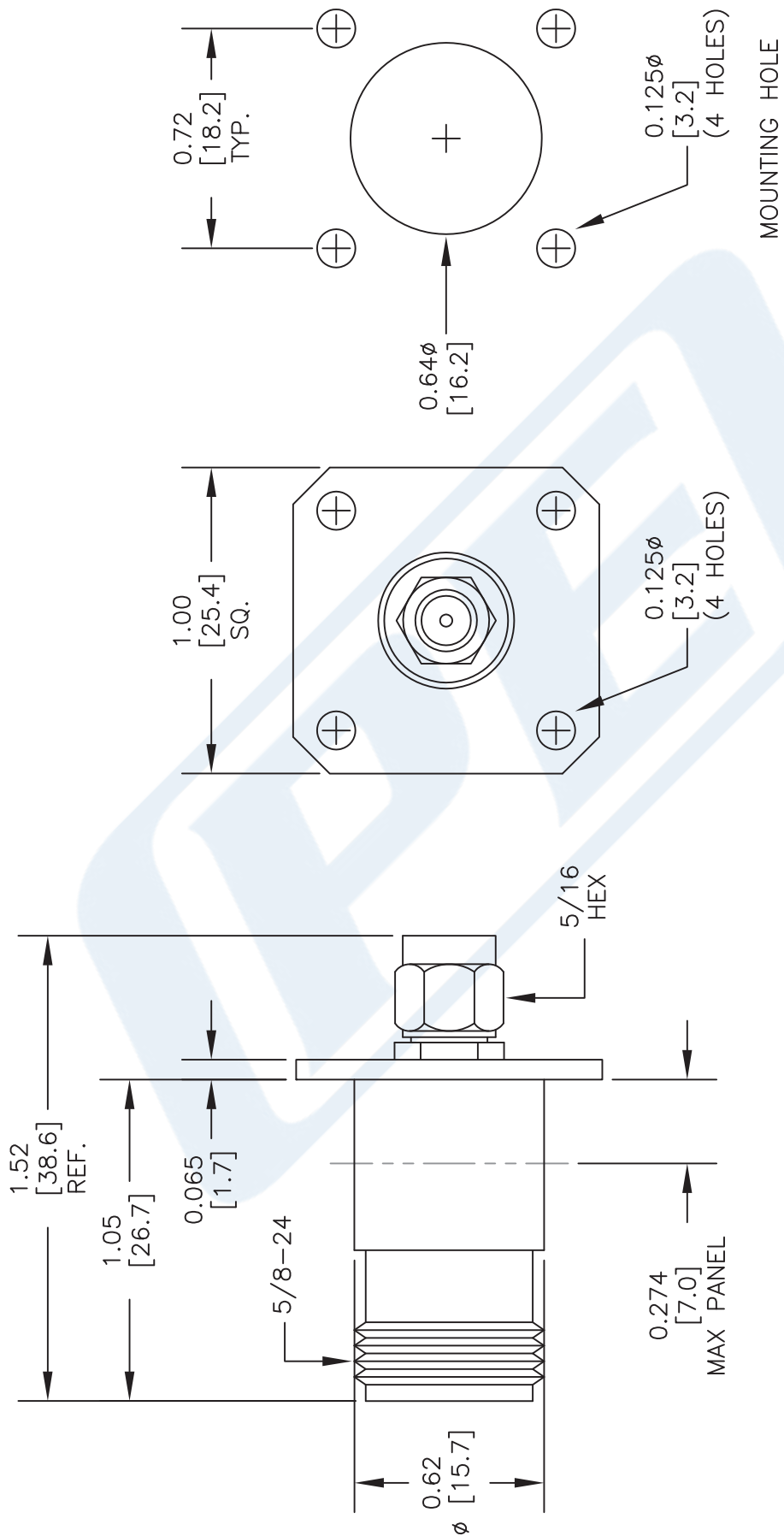
- Values at +25 °C, sea level

Precision SMA Male to N Female 4 Hole Flange Adapter from Pasternack 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision SMA Male to N Female 4 Hole Flange Adapter PE9497](http://www.pasternack.com/sma-male-n-female-straight-adapter-pe9497-p.aspx)

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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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.



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
PE9497

FSCM NO. 53919

CAD FILE 111913
SCALE N/A
SIZE A
2233

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