



50 Ohm SMA Male To 75 Ohm F Male Matching Pad  
Operating From DC to 3 GHz RoHS Compliant

TECHNICAL DATA SHEET

PE7075

**50 Ohm SMA Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant**

**Configuration**

Design	Fixed Matching Pad
Body Style	Straight
Connector 1	SMA Male
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	F Male
Impedance 2	75 Ohms

**Electrical Specifications**

Frequency Range, GHz	DC to 3
Maximum VSWR	1.25:1
Maximum Attenuation, dB	5.7
Attenuation Accuracy	± 0.5
Maximum Input Power, Watts	2
Peak Power, Watts	250
Directionality	Bidirectional

**Mechanical Specifications**

**Size**

Length, in [mm]	1.41 [35.81]
Width/Dia., in [mm]	0.438 [11.13]
Body Material and Plating	Passivated Stainless Steel

**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

**Connector 2**

Type	F Male
Inner Conductor Material and Plating	Brass, Nickel
Coupling Nut Material and Plating	Brass, Nickel
Hex Size, in.	7/16
Torque, in-lbs [Nm]	15 [1.7]
Body Material and Plating	Brass, Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant PE7075](#)

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

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

50 Ohm SMA Male To 75 Ohm F Male Matching Pad Operating From DC to 3 GHz RoHS Compliant 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.

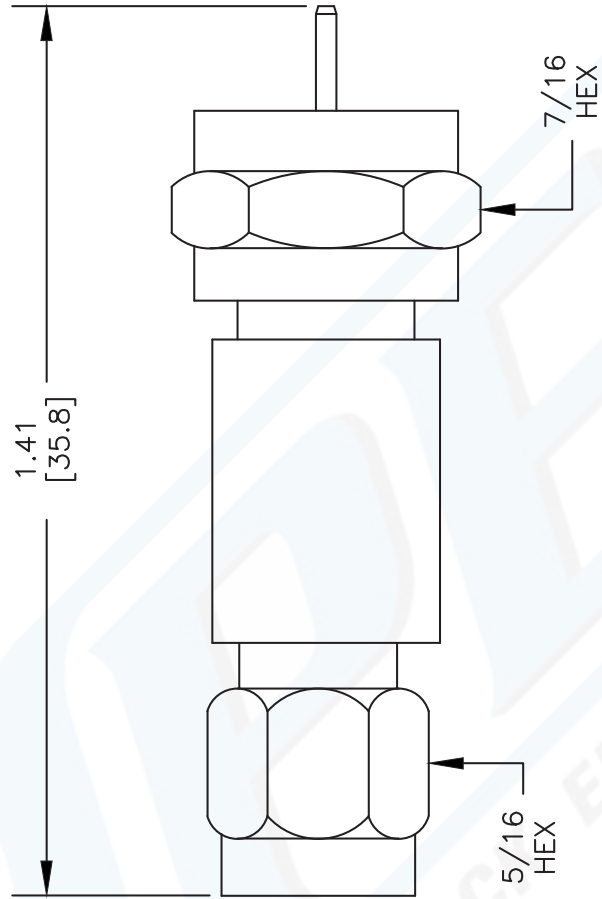
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# PE7075 CAD Drawing

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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

**PE7075**

REV. A

FSCM NO. 53919

CAD FILE 020612

SCALE N/A

SIZE A

2233



**PASTERNAK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
**Phone:** (949) 261-1920 | **Fax:** (949) 261-7451  
**Website:** [www.pasternack.com](http://www.pasternack.com) | **E-Mail:** [sales@pasternack.com](mailto:sales@pasternack.com)