



50 Ohm SMA Female To 75 Ohm F Female Matching Pad
Operating From 0.009 MHz to 3 GHz RoHS Compliant

Matching Pads Technical Data Sheet

PE70MP1004

Configuration

Design	Fixed
Connector 1	SMA Female
Connector 2	F Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	9 KHz		3 GHz	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	9KHz to 2	2 to 3				GHz
Insertion Loss, Max	6	6.3				dB
Insertion Loss, Typ	5.5	5.5				dB
Return Loss, Min	25	23				dB
Return Loss, Typ	30	27				dB
Flatness	0.5	0.8				dB
VSWR	1.07:1	1.1:1				

Mechanical Specifications

Size	
Length	2.45 in [62.23 mm]
Width/Dia.	0.81 in [20.57 mm]
Height	0.81 in [20.57 mm]
Body Material and Plating	Copper

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	F Female
Impedance	50 Ohms	75 Ohms

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

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 Female To 75 Ohm F Female Matching Pad Operating From 0.009 MHz to 3 GHz RoHS Compliant PE70MP1004](#)



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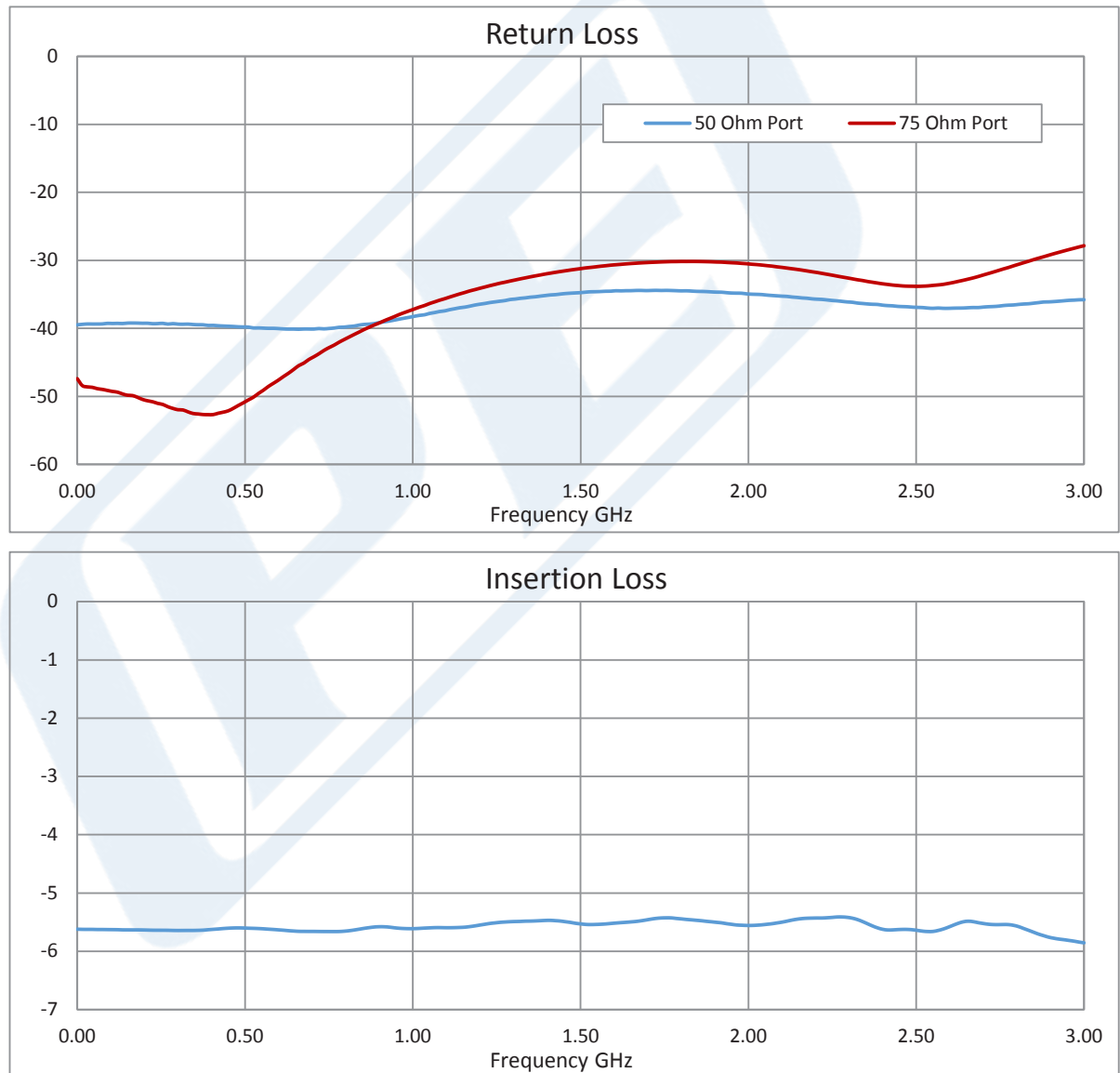
PE70MP1004

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

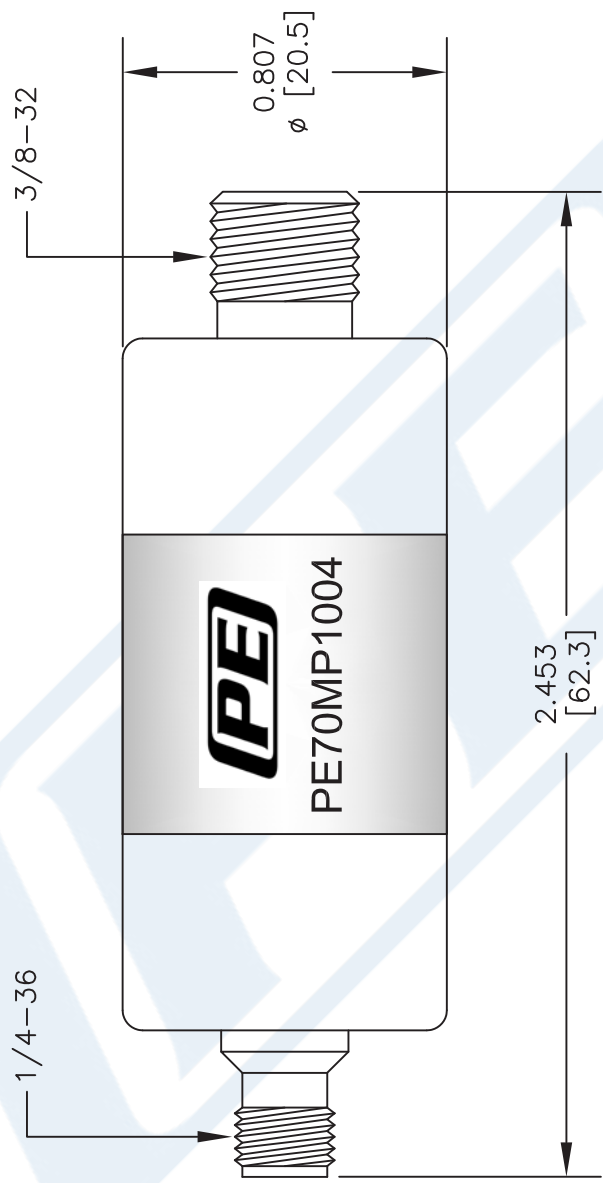
Typical Performance Data



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PE70MP1004 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
PE70MP1004

FSCM NO. 53919

CAD FILE 052815

SCALE N/A

SIZE A

2233

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