



Precision 2.4mm Female to SMP Male Adapter Full Detent

TECHNICAL DATA SHEET

PE91048

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Configuration

Connector 1	2.4mm Female
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348
Connector 2	SMP Male
Impedance 2	50 Ohms
Connector Specification 2	DESC94007
Adapter Design	Precision
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 40
Maximum VSWR	1.25:1

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +125
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Size

Length, in [mm]	0.925 [23.5]
Width/Dia., in [mm]	0.25 [6.35]

Connector 1

Type	2.4mm Female
Mating Cycles	100
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type I, Grade 1, Class A
Outer Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204, Type I, Grade 1, Class A
Dielectric Type	PTFE

Connector 2

Type	SMP Male
Mating Cycles	100
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type I, Grade 1, Class A
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	AMS-QQ-P-35
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 2.4mm Female to SMP Male Adapter Full Detent PE91048](#)

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 for current document)

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Precision 2.4mm Female to SMP Male Adapter Full Detent 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.

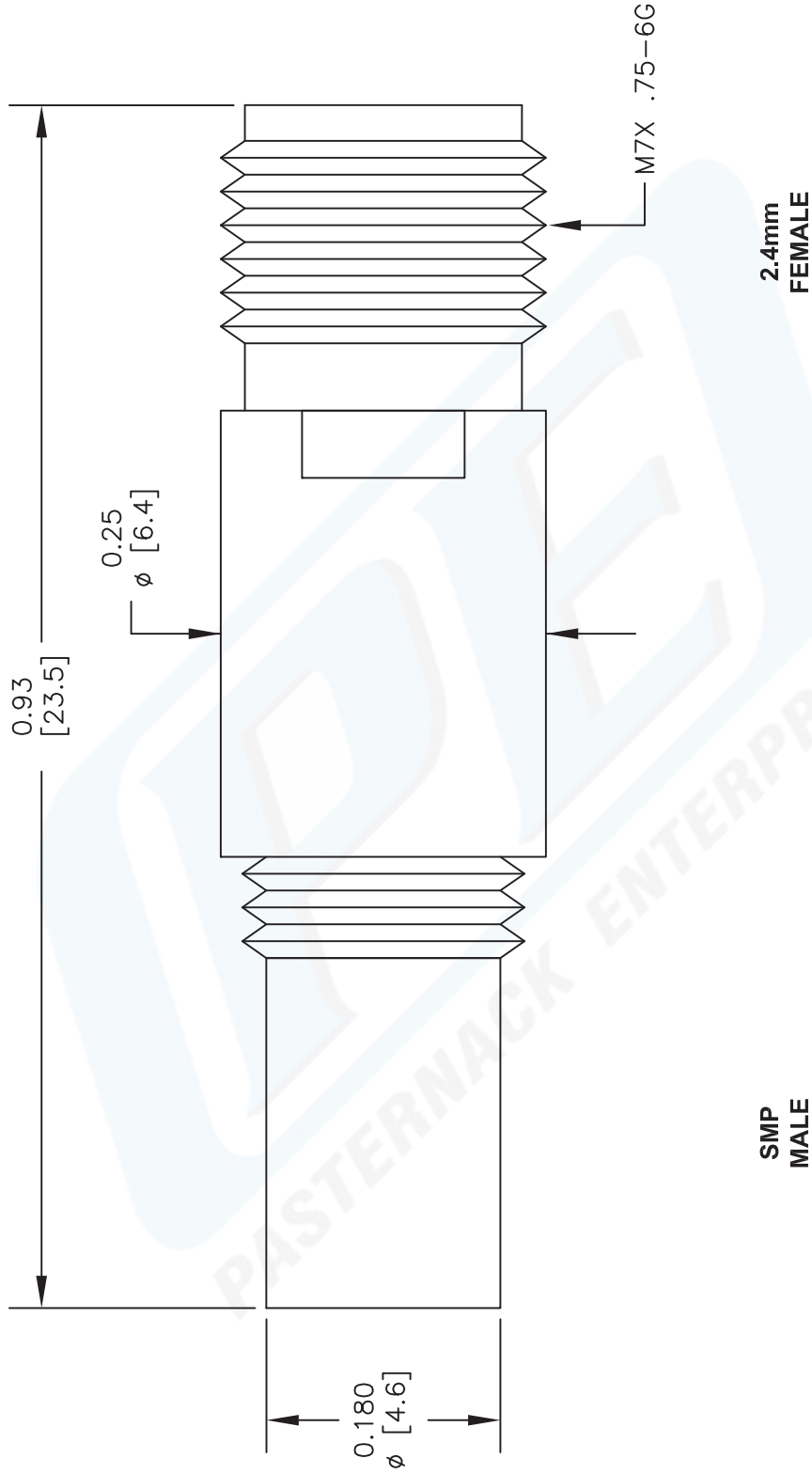
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision 2.4mm Female to SMP Male Adapter Full Detent PE91048](http://www.pasternack.com/2.4mm-female-smp-male-straight-adapter-pe91048-p.aspx)

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PE91048 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
PE91048

FSCM NO. 53919

CAD FILE 020813

SCALE N/A

SIZE A

2233

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