

## Precision SMA Male to 3.5mm Female Adapter



### TECHNICAL DATA SHEET

PE9723

#### Precision SMA Male to 3.5mm Female Adapter

##### Configuration

Connector 1	SMA Male
Impedance 1	50 Ohms
Connector 2	3.5mm Female
Impedance 2	50 Ohms
Adapter Design	Precision
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 27
Maximum VSWR	1.2:1
Maximum Insertion Loss, dB	0.26

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-55 to +100
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###### Size

Length, in [mm]	0.739 [18.77]
Width/Dia., in [mm]	0.312 [7.92]

##### Connector 1

Type	SMA Male
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 1
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	ASTM A380
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PTFE

##### Connector 2

Type	3.5mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 1
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PPO

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 3.5mm Female Adapter PE9723](#)

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:

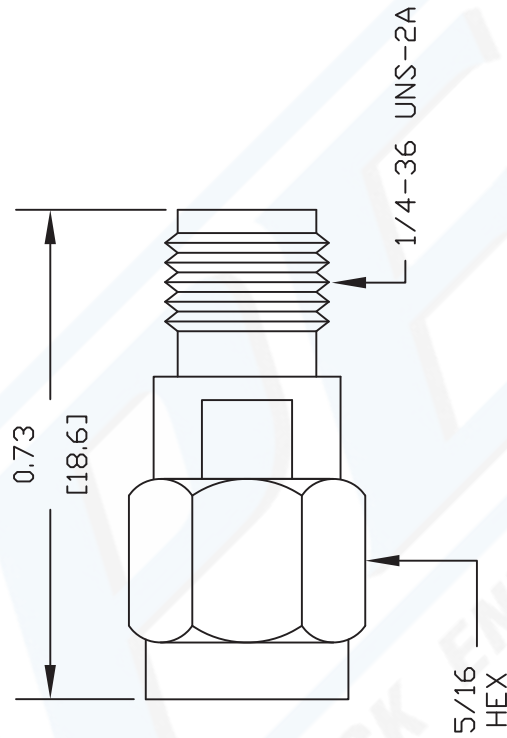
Values at 25 °C, sea level

URL: <http://www.pasternack.com/sma-male-3.5mm-female-straight-adapter-pe9723-p.aspx>

Precision SMA Male to 3.5mm Female Adapter 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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**PE9723 CAD Drawing**  
Precision SMA Male to 3.5mm Female Adapter



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

**PE9723**

REV. A

FSCM NO. 53919

CAD FILE 031208

SCALE N/A

SIZE A

127

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