



SMA Female Field Replaceable Connector 4 Hole  
Flange Mount 0.036 Inch Pin .500 inch Flange Size

TECHNICAL DATA SHEET

PE45053

**Configuration**

Connector	SMA Female
Connector Specification	MIL-STD-348
Connector Interface Type	0.036 Inch Pin
Attachment Method (Shield/Contact)	Field Replaceable
Body Style	Straight
Mount Method	4 Hole Flange

**Electrical Specifications**

Frequency Range	DC to 26 GHz
Impedance	50 Ohms
Maximum VSWR	1.2:1
Maximum Insertion Loss	0.15 dB
Dielectric Withstanding Voltage	1,000 Vrms

**Mechanical Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
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**Size**

Length	0.5 in [12.7 mm]
Width/Dia.	0.5 in [12.70 mm]
Height	0.375 in [9.53 mm]

**Connector**

Type	SMA Female
Mating Cycles	500
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	ASTM B-488
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A-967
Dielectric Type	Teflon

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

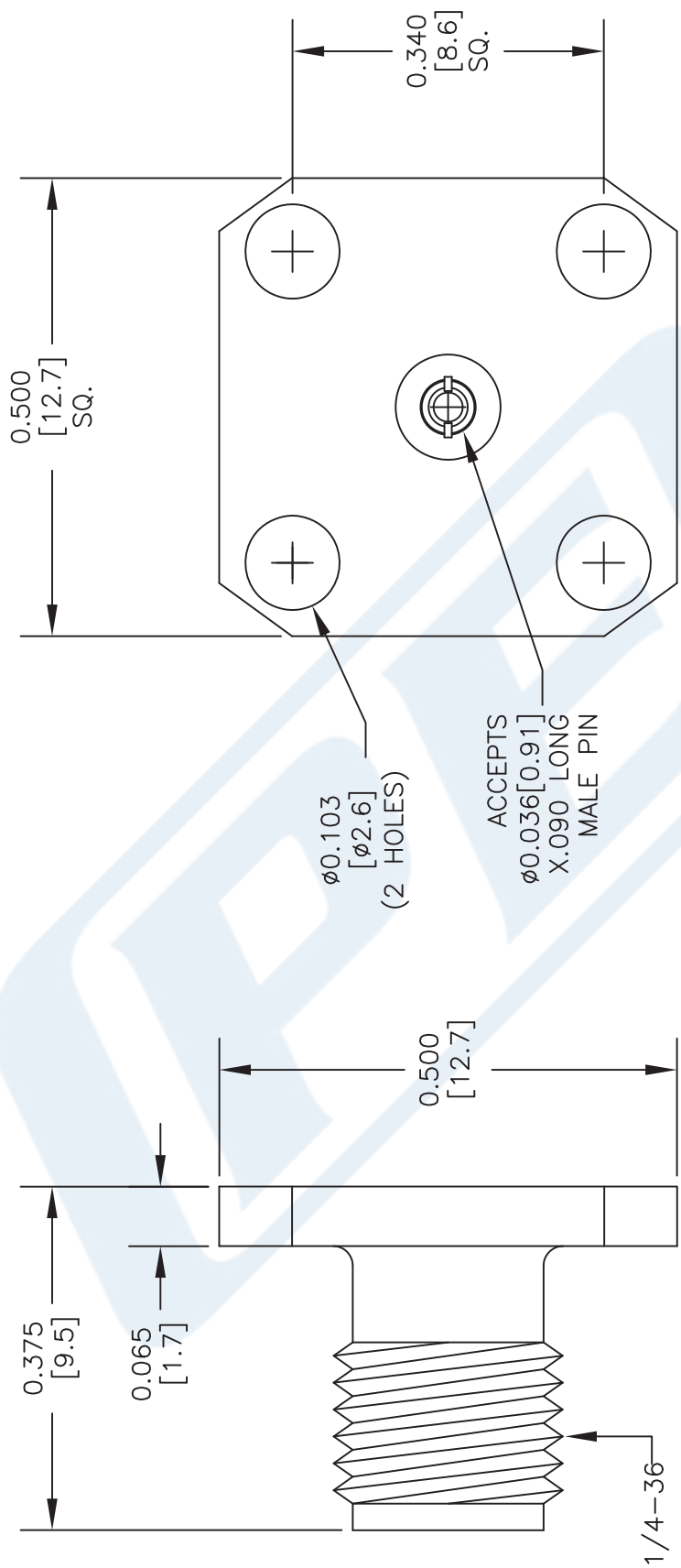
RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Field Replaceable Connector 4 Hole Flange Mount 0.036 Inch Pin .500 inch Flange Size PE45053](#)

## PE45053

PE45053 CAD Drawing

SMA Female Field Replaceable Connector 4 Hole Flange  
Mount 0.036 Inch Pin .500 inch Flange Size



DWG TITLE

PE45053

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].

FSCM NO. 53919

CAD FILE 111414

SCALE N/A

SIZE A

150



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