



SMA Female Bulkhead Precision Connector Solder
Attachment Stub Terminal, .250 inch Diameter

TECHNICAL DATA SHEET

PE44591

SMA Female Bulkhead Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter

Configuration

Connector	SMA Female
Connector Interface Type	Stub
Cable Attachment Method (Shield/Contact)	Solder
Connector Design	Precision
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.51:1
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	1,000

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	0.66 [16.76]
Width/Dia., in [mm]	0.312 [7.92]

Connector

Type	SMA Female
Contact Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Brass, Gold
Body Material and Plating	Brass, Gold
Dielectric Type	Teflon

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter PE44591](#)

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)

Plotted and Other Data

Notes:

Values at 25 °C, sea level

SMA Female Bulkhead Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter 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.

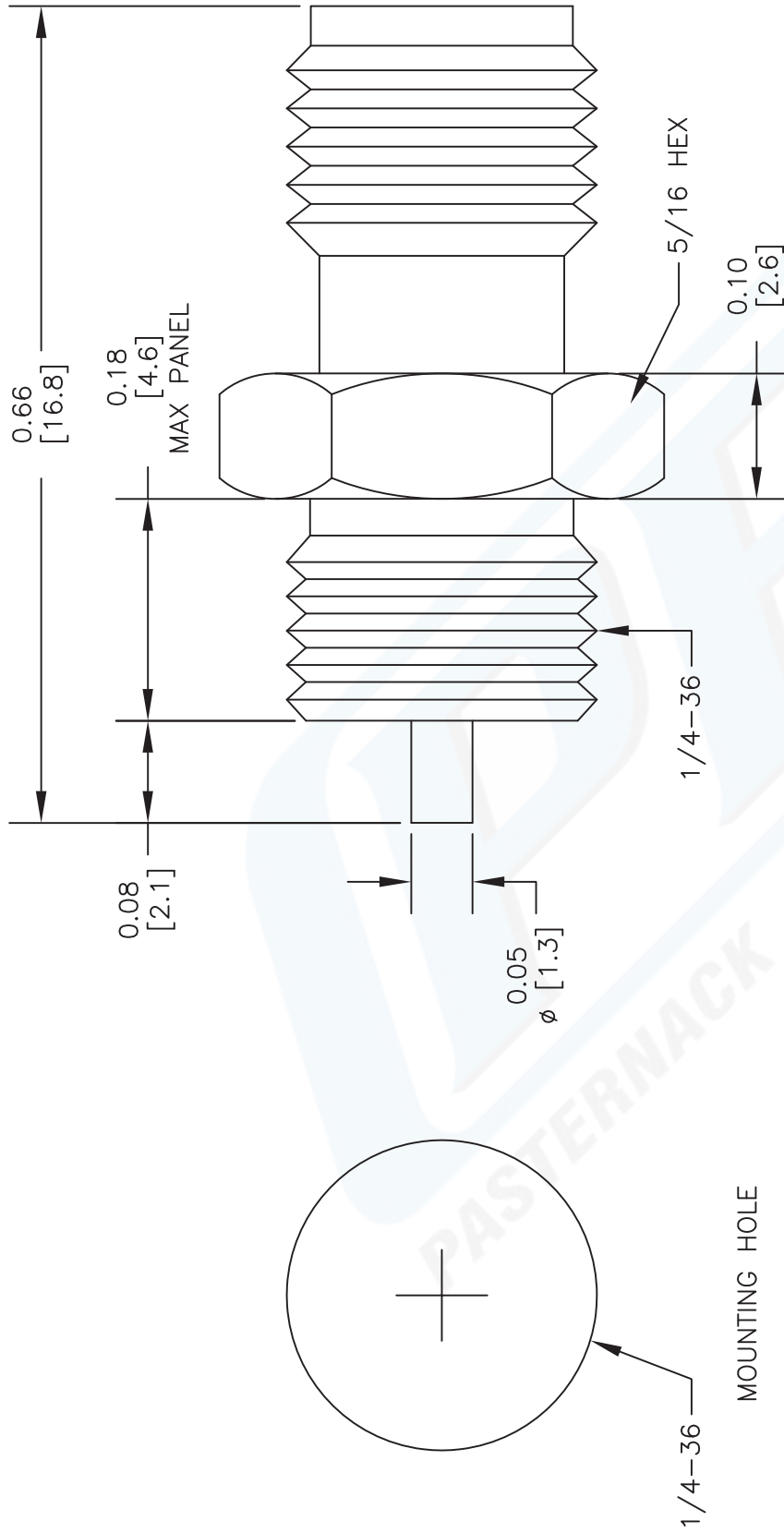
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead Precision Connector Solder Attachment Stub Terminal, .250 inch Diameter PE44591](http://www.pasternack.com/precision-sma-female-dc-to-18-ghz-front-mount-bulkhead-pe44591-p.aspx)

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PE44591 CAD Drawing

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SPECIFICATIONS

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: 1.51:1 MAX.
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz
ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS

**PASTERNAK®**
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DWG TITLE

PE44591

REV. A

FSCM NO. 53919

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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD FILE

021413-A

SCALE

N/A

SIZE

A

127