



SMA Female Connector Solder Attachment 0.042 inch
 End Launch PCB, .020 inch x .010 inch Contact

TECHNICAL DATA SHEET

PE44207

SMA Female Connector Solder Attachment 0.042 inch End Launch PCB, .020 inch x .010 inch Contact

Configuration

Connector	SMA Female
Connector Specification	MIL-C-39012
Connector Interface Type	0.042 inch End Launch
Cable Attachment Method (Shield/Contact)	Solder
Body Style	Straight

Electrical Specifications

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

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
------------------------	-------------

Size

Length, in [mm]	0.562 [14.27]
Width/Dia., in [mm]	0.375 [9.53]
Height, in [mm]	0.312 [7.92]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	SMA Female
Mating Cycles	500
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	30µ in minimum
Body Material and Plating	Brass, Gold
Body Plating Specification	10µ in minimum
Dielectric Type	Teflon

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

RoHS Compliant	Yes
----------------	-----

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Solder Attachment 0.042 inch End Launch PCB, .020 inch x .010 inch Contact PE44207](#)

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.





SMA Female Connector Solder Attachment 0.042 inch
End Launch PCB, .020 inch x .010 inch Contact

TECHNICAL DATA SHEET

PE44207

Plotted and Other Data

Notes:

Values at 25 °C, sea level

SMA Female Connector Solder Attachment 0.042 inch End Launch PCB, .020 inch x .010 inch Contact 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 Connector Solder Attachment 0.042 inch End Launch PCB, .020 inch x .010 inch Contact PE44207](http://www.pasternack.com/sma-female-standard-0.042-end-launch-connector-pe44207-p.aspx)

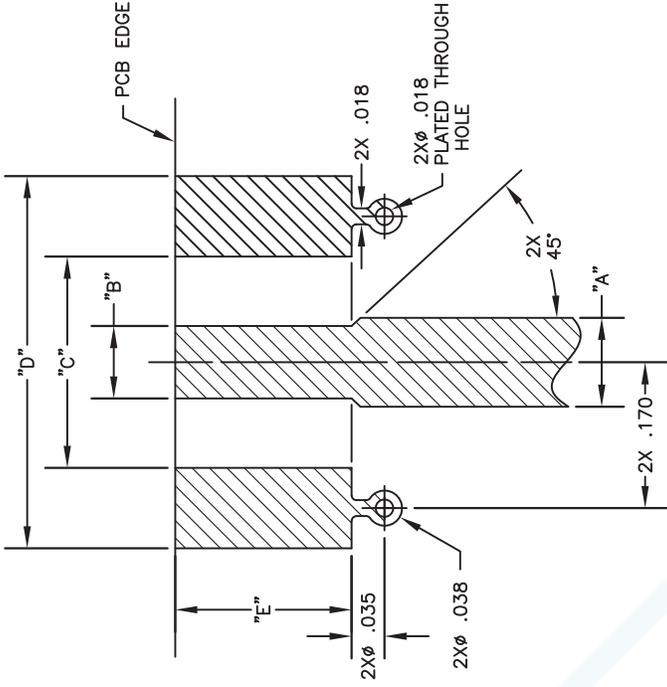
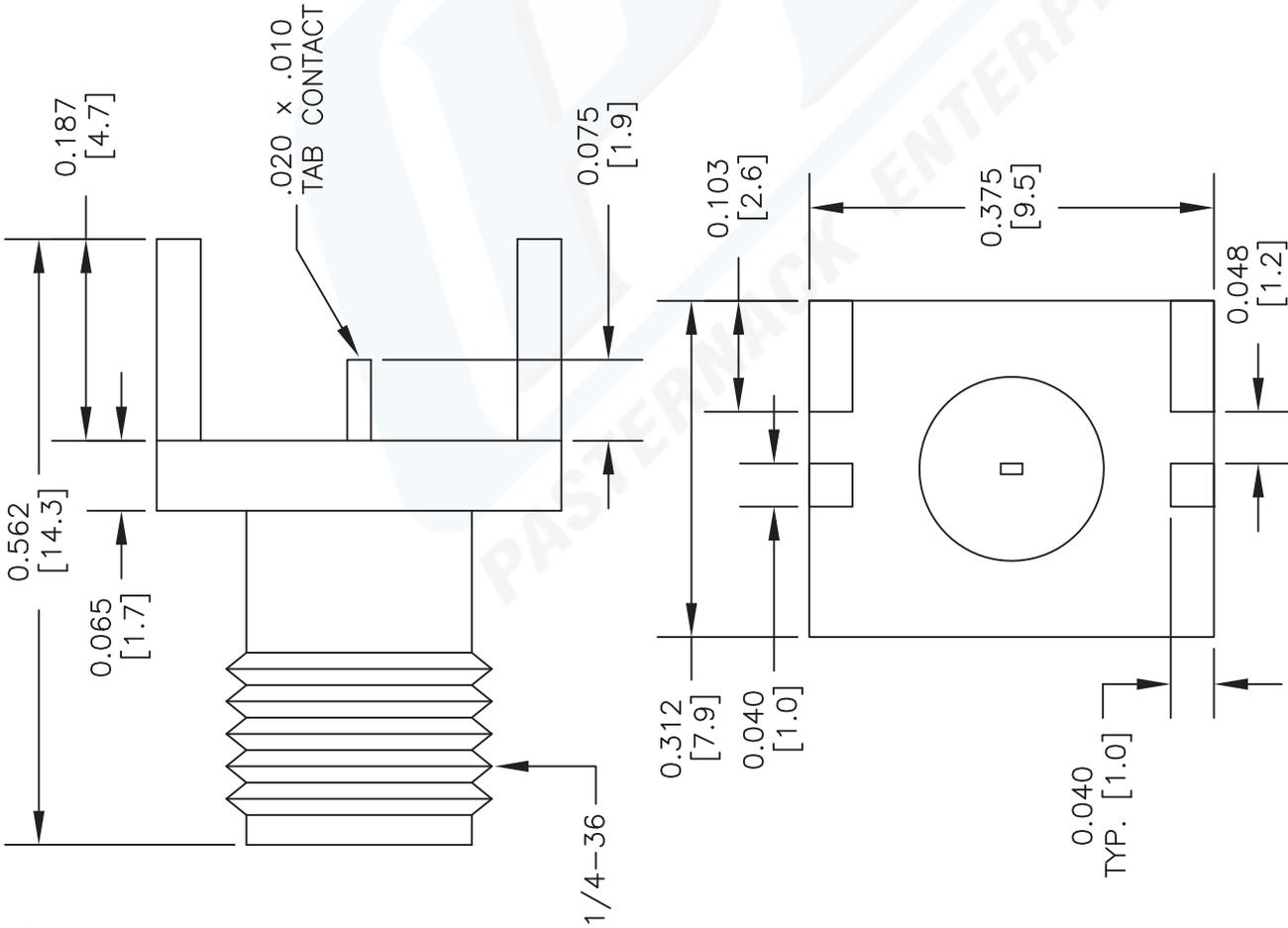
URL: <http://www.pasternack.com/sma-female-standard-0.042-end-launch-connector-pe44207-p.aspx>

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.

PE44207 CAD Drawing

SMA Female Connector Solder Attachment 0.042 inch End

Launch PCB, .020 inch x .010 inch Contact



MOUNTING CHART

PART NO.	BASE WIDTH	BOARD THICK	"A"	"B"	"C"	"D"	"E"
PE4542	.375	.062	.103	.090	.250	.440	.200
PE4543	.375	.062	.103	.090	.250	.440	.200
PE44205	.375	.047	.083	.075	.250	.440	.200
PE44206	.375	.031	.050	.045	.250	.440	.200
PE44207	.375	.042	.083	.075	.250	.440	.200
PE44208	.375	.047	.083	.075	.250	.440	.200
PE44134	.250	.042	.103	.070	.170	.380	.200

1. SOLID COPPER GROUND PLANE REQUIRED ON BOTTOMSIDE OF CIRCUIT BOARD.

DWG TITLE

PE44207



Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 032513-B

SCALE N/A

SIZE A

2233

- NOTES:
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 - DIMENSIONS ARE IN INCHES [mm].
 - FITS MIL-C-17 AND EQUIVALENT CABLES.