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Mini SMP Male Connector Solder Attachment End Launch PCB



TECHNICAL DATA SHEET PE44490

Mini SMP Male Connector Solder Attachment End Launch PCB

Configuration

Connector	Mini SMP Male
Connector Specification	MIL-STD-348A
Connector Interface Type	End Launch
Cable Attachment Method (Shield/Contact)	Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 65
Impedance, Ohms	50
Maximum Operating Voltage, Volts	325

Frequency 1

Frequency, GHz	DC to 6
VSWR	1.11:1
Return Loss, dB	26
Insertion Loss, dB	0.24

Frequency 2

Frequency, GHz	6 to 18
VSWR	1.25:1
Return Loss, dB	19
Insertion Loss, dB	0.42

Frequency 3

Frequency, GHz	18 to 26.5
VSWR	1.5:1
Return Loss, dB	14
Insertion Loss, dB	0.51

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155

Size

Length, in [mm]	0.27 [6.86]
Width/Dia., in [mm]	0.16 [4]
Weight, lbs [g]	0.006 [2.72]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Mini SMP Male Connector Solder Attachment End Launch PCB PE44490

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Connector

Type	Mini SMP Male
Mating Cycles	100
Contact Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Plotted and Other Data

Notes: Values at 25 °C, sea level
Max Soldering Temp: +260°C for 10 Sec

URL: http://www.pasternack.com/mini-smp-male-standard-surface-mount-end-launch-connector-pe44490-p.aspx

Mini SMP Male Connector Solder Attachment End Launch PCB from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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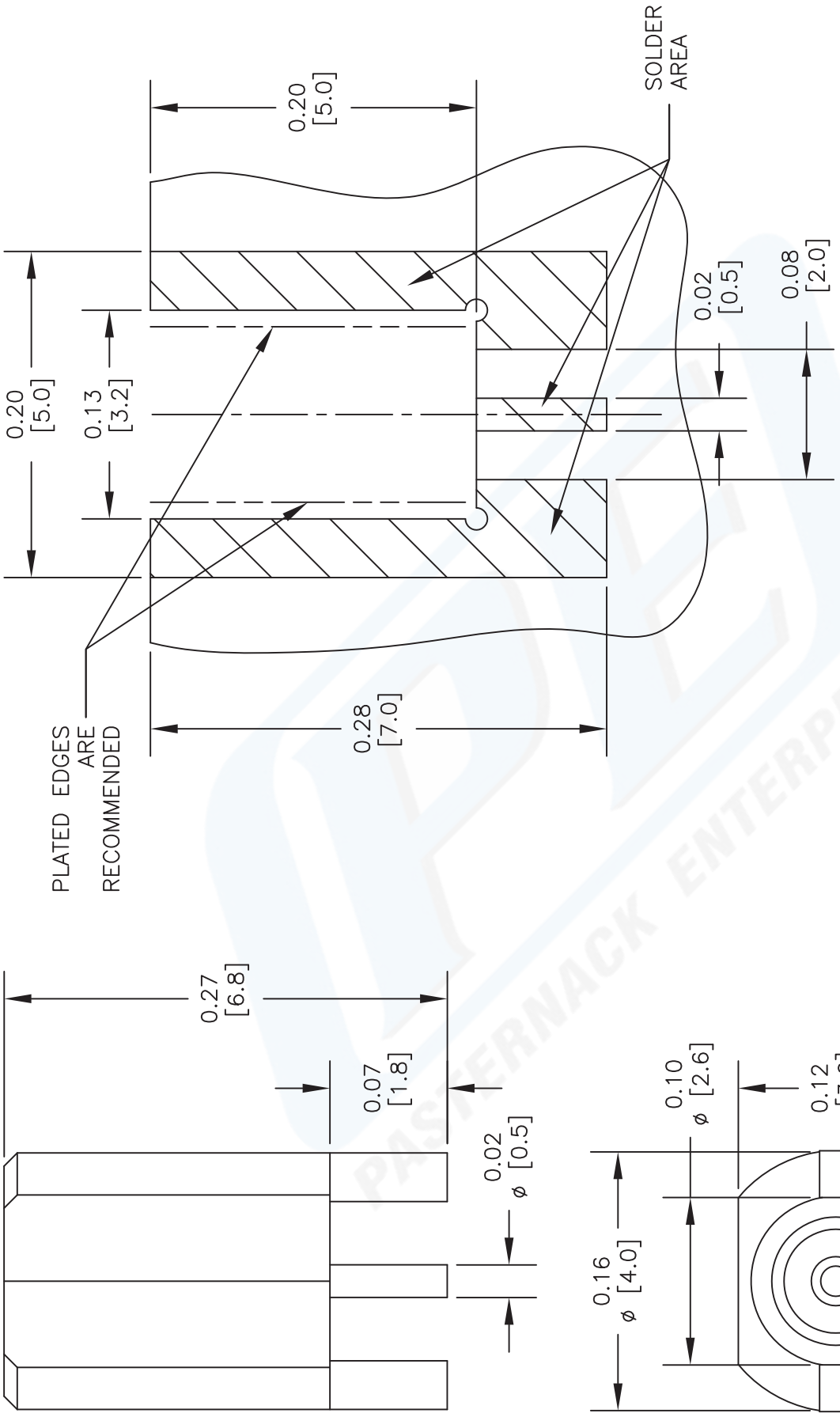
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PE44490 CAD Drawing

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

DWG TITLE **PE44490**

REV. B	FSCM NO. 53919	CAD FILE 080212	SCALE N/A	SIZE A	2233

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