

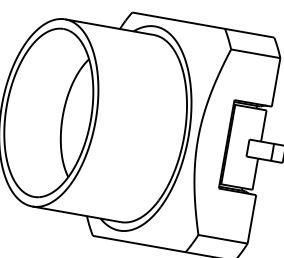
NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, GOLD PLATING
 CONTACT - BRASS, GOLD PLATING
 INSULATOR - LCP E130i, NATURAL

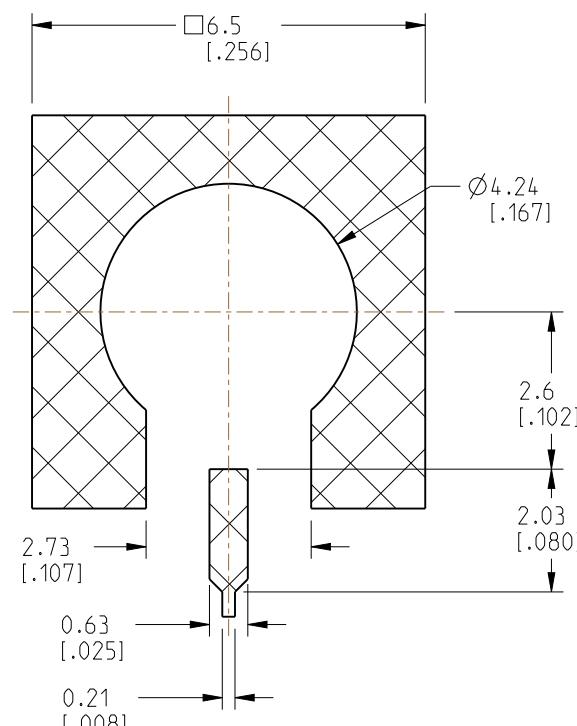
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC-20 GHz
 C. VSWR (RETURN LOSS): 1.10 (-26.4 dB MIN.) MAX. @ DC-8 GHz
 1.22 (-20 dB MIN.) MAX. @ 8-20 GHz
 CONNECTOR ONLY, PERFORMANCE WILL VARY BASED ON BOARD LAYOUT.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:
 A. DURABILITY: 1000 CYCLES MIN.
 B. TEMPERATURE RANGE: -40°C TO +85°C

4. PACKAGING:
 A. QUANTITY: 50 PCS/TRAY
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, SMP-MSSB-PCS-17, AND DATE CODE"

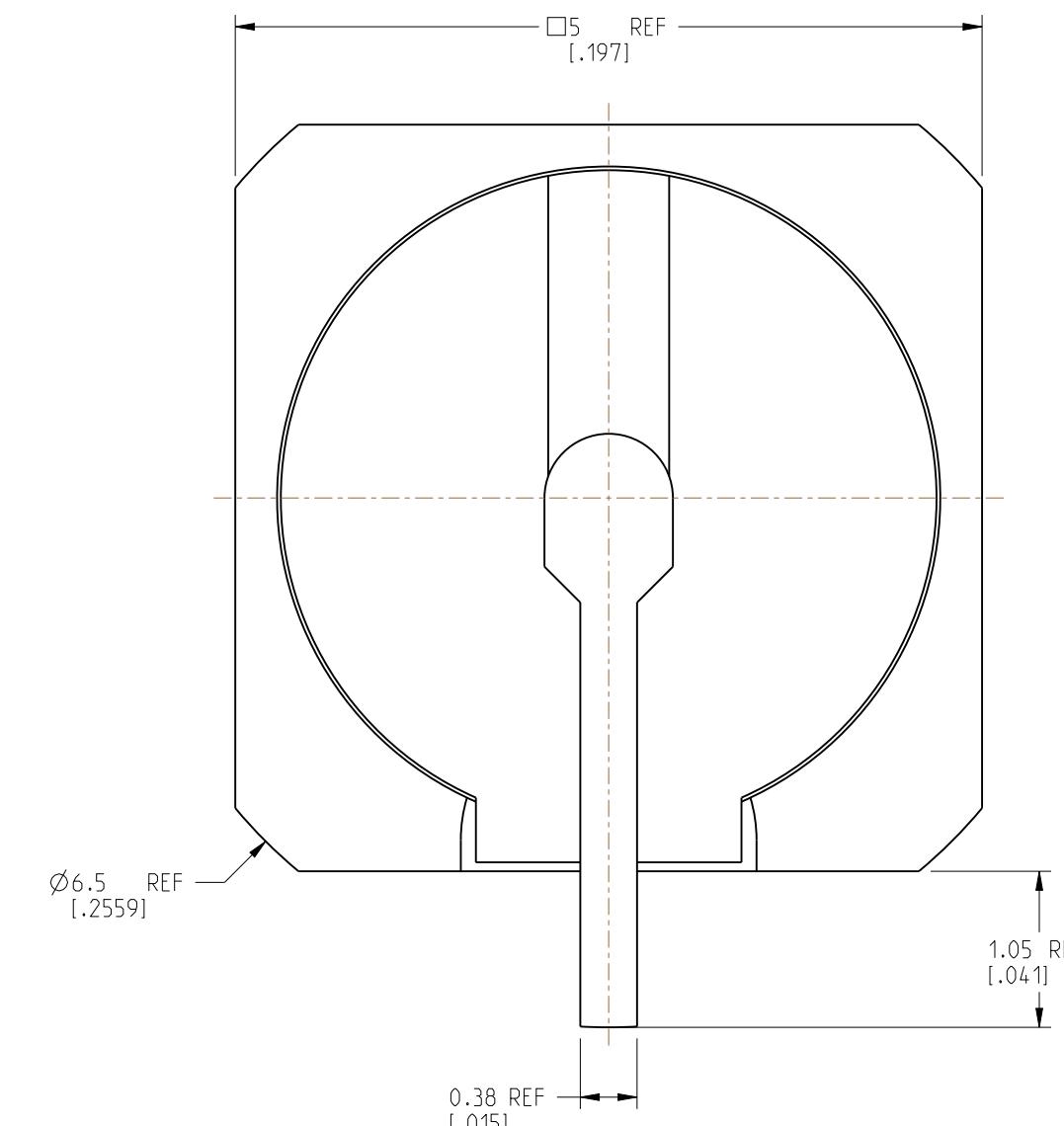
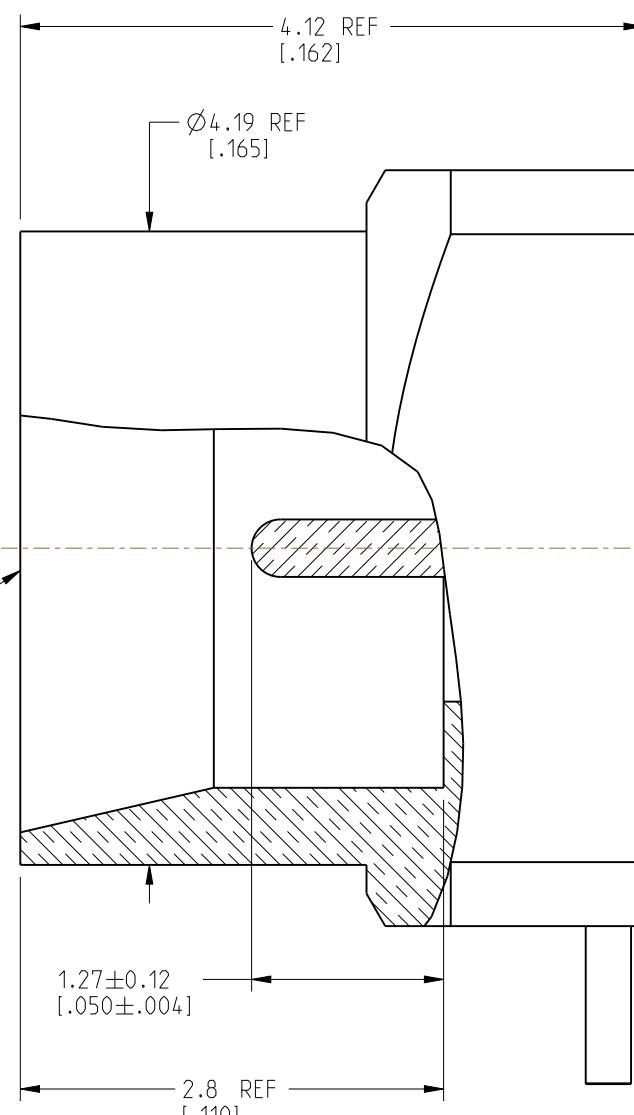


SCALE 6.000



RECOMMENDED PCB LAYOUT

INTERFACE PER
MIL-STD-248
SERIES: SMP JACK
SMOOTH BORE



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

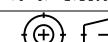
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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:
 <0.5mm = ± 0.05 mm [<0.020 = ± 0.002]
 >0.5 - 6mm = ± 0.1 mm [>0.020 - 0.236 = ± 0.004]
 >0.5 - 30mm = ± 0.2 mm [>0.236 - 1.181 = ± 0.008]
 >30.00 - 120mm = ± 0.3 mm [>1.181 - 4.725 = ± 0.012]
 ANGLES = $\pm 1^\circ$

MATERIAL
NOTE 1

TITLE
SMP JACK
SURFACE MOUNT
SMOOTH BORE

THIRD ANGLE PROJ.



REFERENCE

SMP-MSSB-PCS-15

EAR#
9644ENGINEER
E. HILLDATE
17-MAR-20

SHEET NO. 2 OF 2

SCALE: 20.0:1.0

Amphenol RF

DRAWING NO. SMP-MSSB-PCS-17

REV A

ITEM NO. SMP-MSSB-PCS-17

REV B

PART NO. SMP-MSSB-PCS-17

REV A