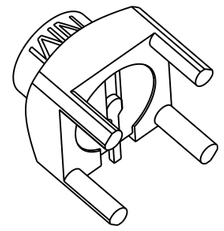
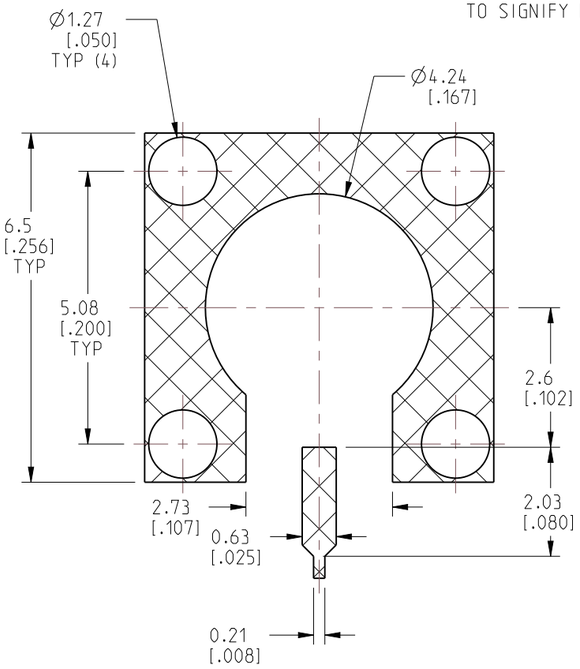
NOTES:
1. MATERIALS AND FINISHES:
   BODY - BeCu, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR - LCP E130i
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 20 GHz
   C. VSWR(RETURN LOSS): 1.10 MAX. (-26 dB MIN.) DC - 8 GHz
      1.22 MAX. (-20 dB MIN.) 8 - 20 GHz
      CONNECTOR ONLY, PERFORMANCE WILL VARY BASED ON BOARD LAYOUT
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
   A. DURABILITY: 1000 CYCLES MIN.
   B. ENGAGEMENT FORCE: 2 LB (9 N) MAX
   C. DISENGAGEMENT FORCE: 0.5 LB (2.2 N) MIN
   D. INNER CONTACT RETENTION FORCE: 1.5 LB (7 N) MIN
   E. TEMPERATURE RANGE: -65° C TO +165° C
4. PACKAGING:
   A. QUANTITY: 50 PCS TRAY
   B. MARK BAG OR TAG:
      "AMPHENOL RF, SMP-MSSB-PCT-NM, DATE CODE"

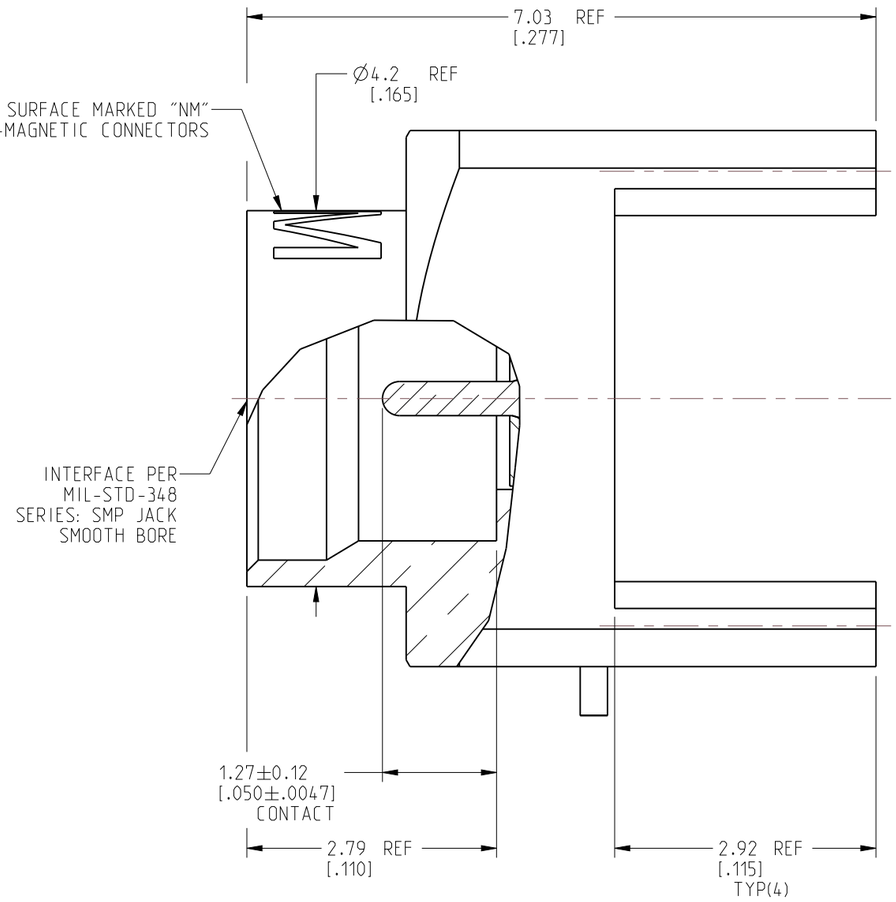
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	18-Nov-22	16309	SH

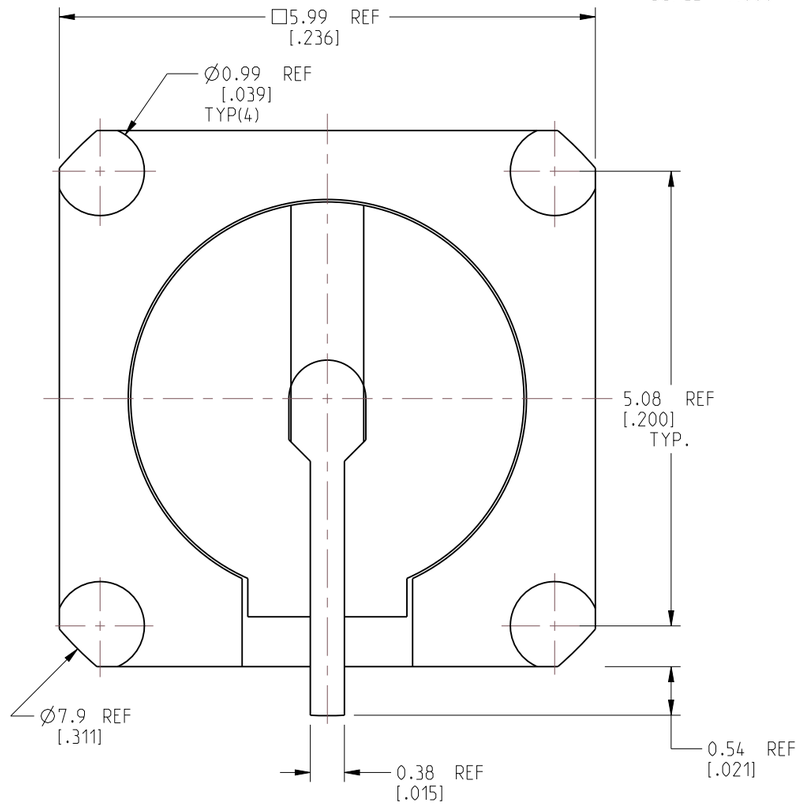


SCALE 4.000



RECOMMENDED PCB PAD LAYOUT





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

THIRD ANGLE PROJ.

REFERENCE

EAR# 8889

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

<0.5mm = ±0.05mm	[<0.020 = ±0.002]
0.5 - 6mm = ±0.1mm	[>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm	[>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm	[>1.181 - 4.725 = ±0.012]

ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1: S.VO | ENGR.2: L.QIN | DATE: 21-OCT-20

TITLE: SMP JACK, PIN CONTACT
PCB RECEPTACLE
SMOOTH BORE
NON-MAGNETIC

SHEET NO. 2 OF 2 | SCALE: 15.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	SMP-MSSB-PCT-NM	A
	ITEM NO. SMP-MSSB-PCT-NM	
	PART NO. SMP-MSSB-PCT-NM	