

NOTES:

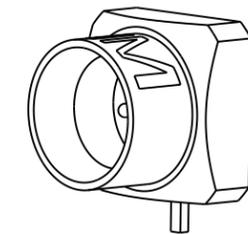
1. MATERIALS AND FINISHES:
 BODY - BeCu, GOLD PLATING
 CONTACT - BeCu, GOLD PLATING
 INSULATOR - LCP E130i

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 20 GHz
 C. VSWR (RETURN LOSS): 1.10 MAX. (-26.4 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: 335 VRMS, MIN.

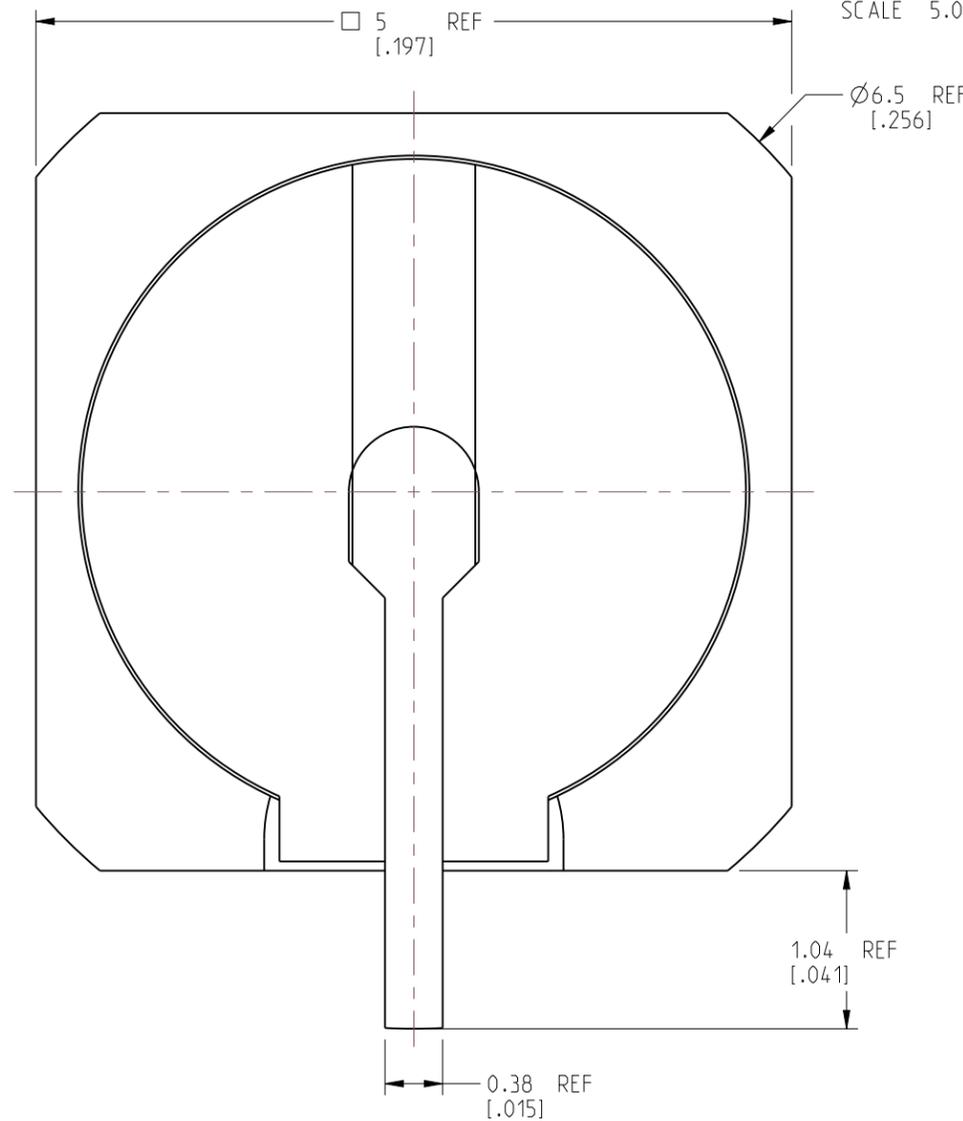
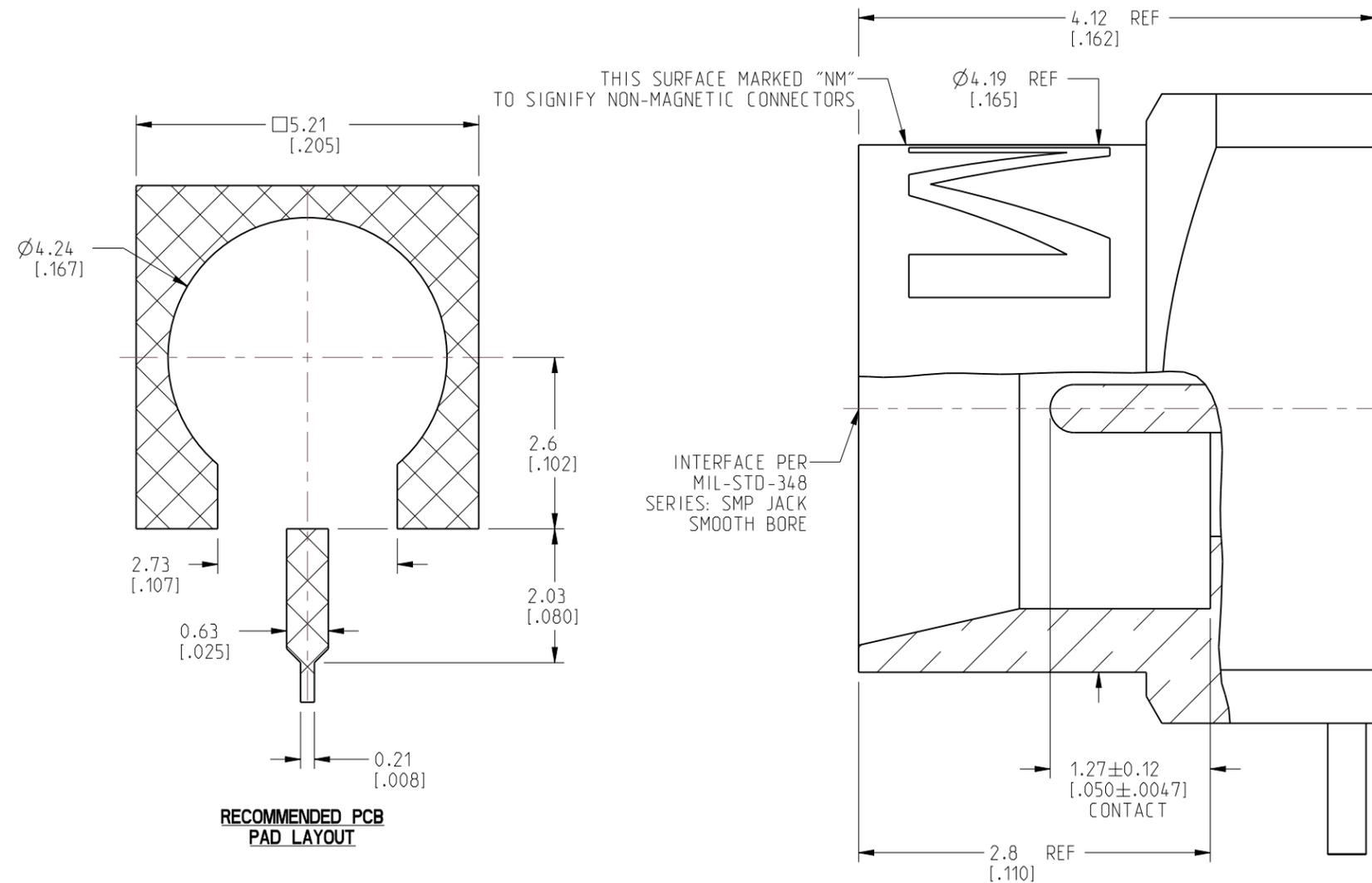
3. MECHANICAL:
 A. DURABILITY: 1000 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C
 C. ENGAGEMENT FORCE: 2 LBS (9 N) MAX.
 D. DISENGAGEMENT FORCE: 0.5 LBS (2.2 N) MIN.
 E. INNER CONTACT RETENTION FORCE: 1.5 LBS (7 N) MIN.

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

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	16-Nov-22	16309	SH



SCALE 5.000



RECOMMENDED PCB PAD LAYOUT

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 = ±0.05mm [-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]

MATERIAL
 SEE NOTES

TITLE
 SMP STR JACK PCB
 RECEPTACLE SMOOTH
 BORE SURFACE MOUNT
 NON-MAGNETIC

Amphenol RF		DRAWING NO. SMP-MSSB-PCS-NM	REV A
		ITEM NO. SMP-MSSB-PCS-NM	
		PART NO. SMP-MSSB-PCS-NM	

THIRD ANGLE PROJ.	REFERENCE	EAR# 8889
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ENGR.1 S.VO	ENGR.2 L.QIN	DATE 21-OCT-20
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SHEET NO. 2 OF 2	SCALE: 21.0:1.0
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