NOTES:

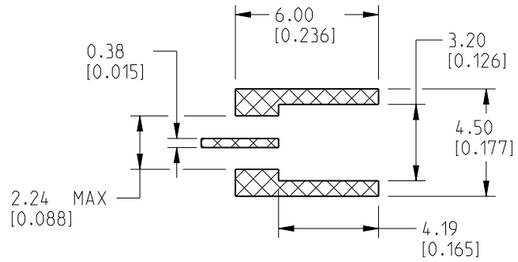
1. MATERIALS AND FINISHES:
   BODY AND CONTACT - BeCu, GOLD PLATING
   INSULATOR - PTFE, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 40 GHz
   C. VSWR (RETURN LOSS): 1.15 MAX. (-23 dB MIN.) @ DC - 10 GHz
      1.25 MAX. (-19 dB MIN.) @ 10 - 26.5 GHz
      1.35 MAX. (-17 dB MIN.) @ 26.5 - 40 GHz
      CONNECTOR ONLY, PERFORMANCE WILL VARY
      BASED ON BOARD LAYOUT
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
   E. INSULATOR RESISTANCE: 5000 MΩ MIN.
   F. CONTACT RESISTANCE:
      CENTER CONTACT: 6 mΩ MAX.

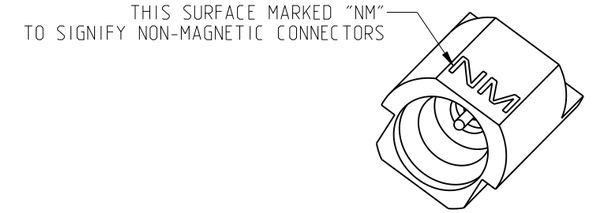
3. MECHANICAL:
   A. ENGAGEMENT FORCE: 2.5 LBS (11.12 N) MAX.
   B. DISENGAGEMENT FORCE: 1.5 LBS (6.67 N) MIN.
   C. CONTACT RETENTION: 1.5 LBS (6.67 N) MIN. AXIAL FORCE.
   D. DURABILITY: 100 CYCLES MIN.
   E. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: 50 PIECES/TRAY
   B. MARKING: TRAY TO BE MARKED
      "AMPHENOL RF, 925-NM169J-51P AND DATE CODE"

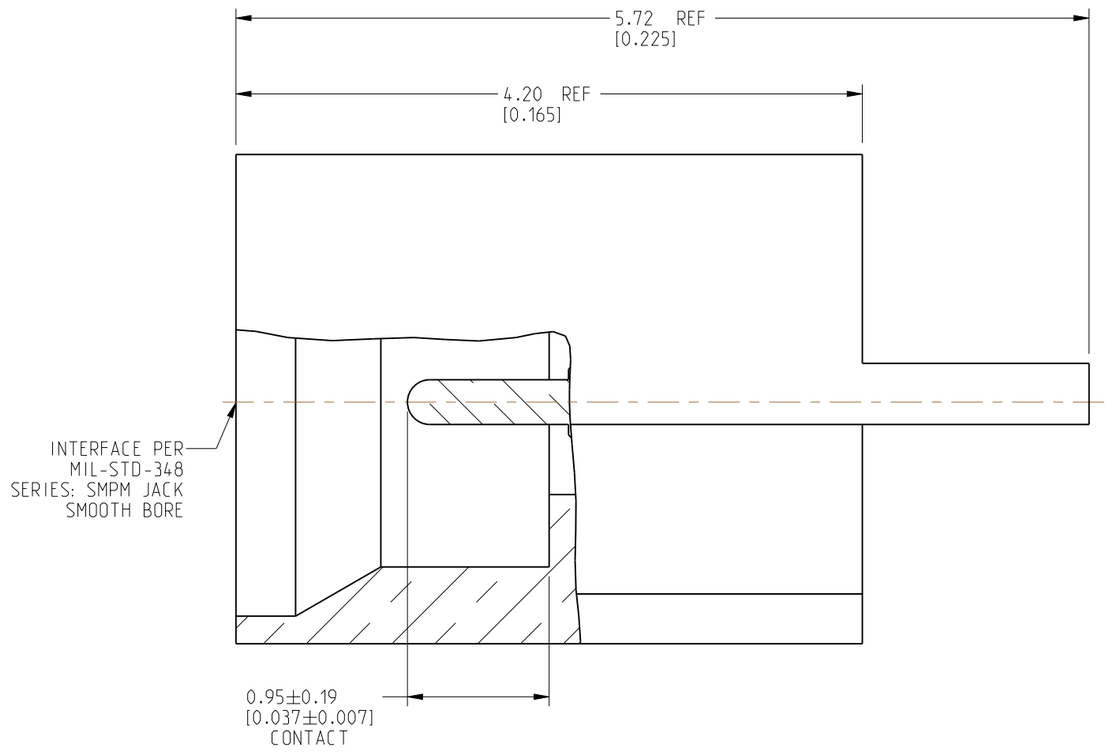
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	23-DEC-25	17700	KRK

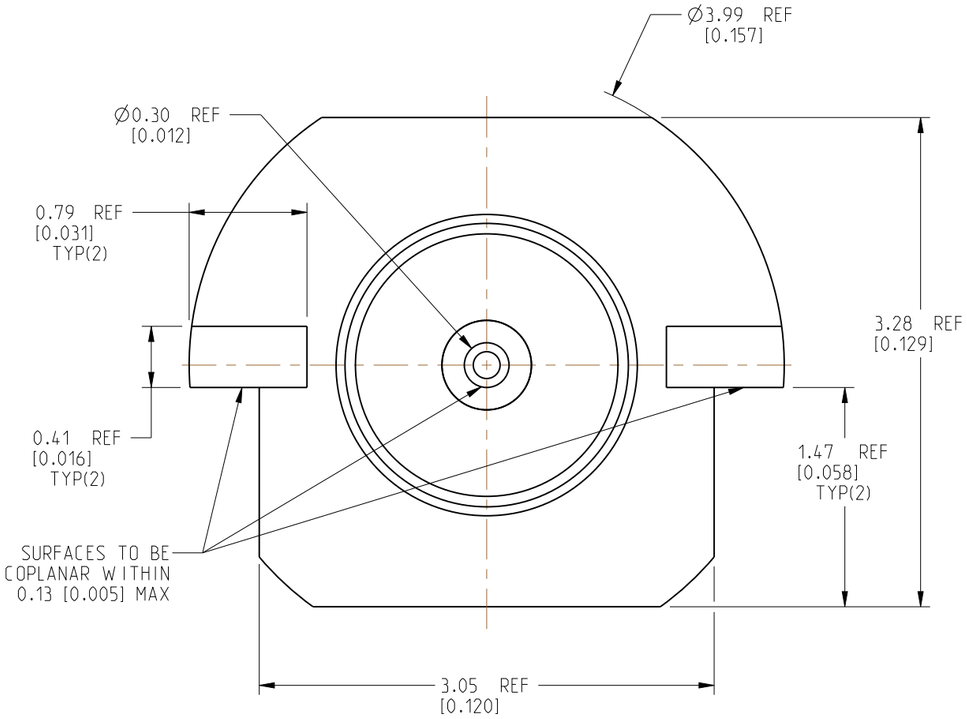


RECOMMENDED PCB LAYOUT



SCALE 6.000





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
925-169J-51P	9158

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	ENGR.2	DATE
E.HILL/T.LIPKIN	JACK LIANG	29-OCT-19

TITLE	
SMPM STR JACK SMOOTH BORE EDGE MOUNT NON-MAGNETIC	
SHEET NO. 2 OF 2	SCALE: 25.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	925-NM169J-51P	A
	ITEM NO. 925-NM169J-51P	
	PART NO. 925-NM169J-51P	

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