NOTES:

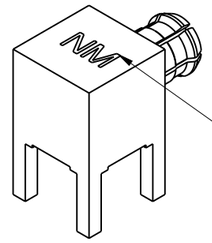
1. MATERIALS AND FINISHES:
   CUBE BODY - BERYLLIUM COPPER, WHITE BRONZE PLATING
   CONTACT - BERYLLIUM COPPER, GOLD PLATING
   OUTER CONTACT - BERYLLIUM COPPER, GOLD PLATING
   INSULATOR - PTFE, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC-6 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

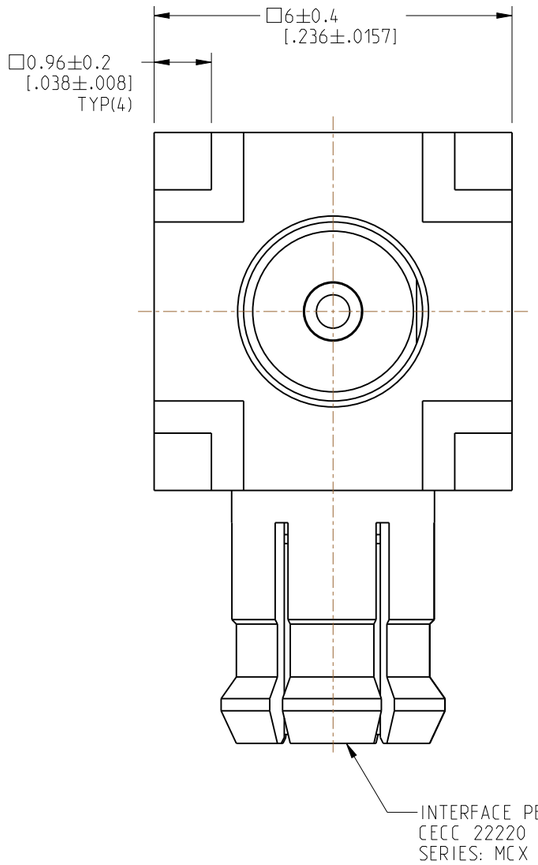
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

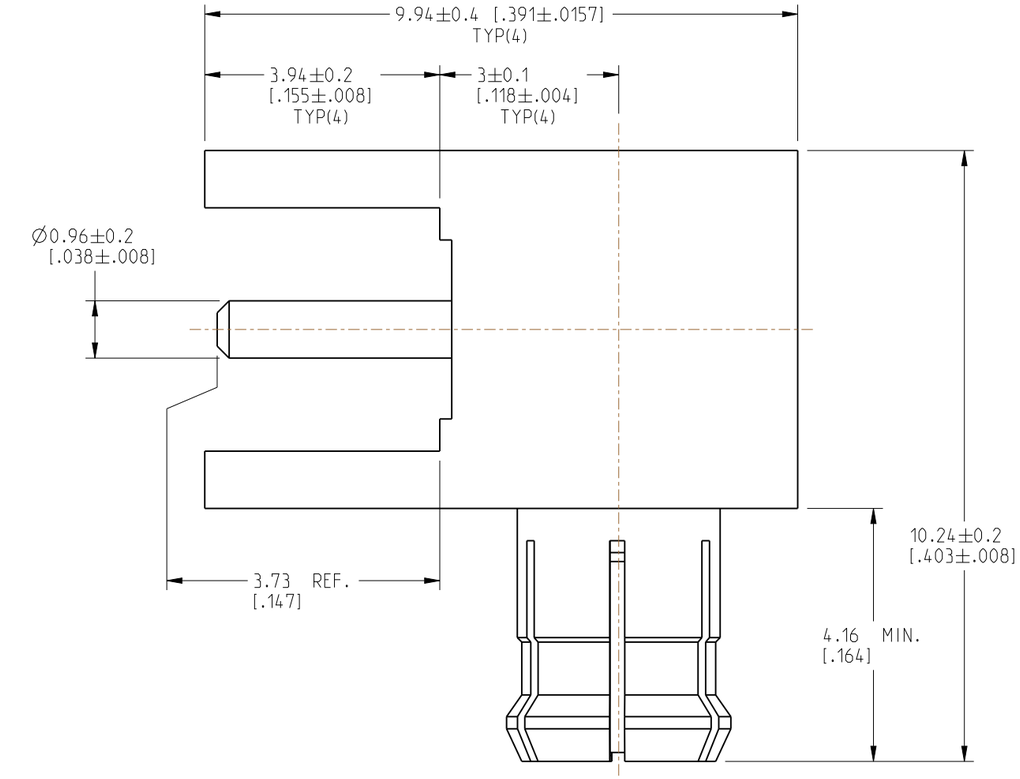
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 919-NM174P51A1X, AND DATE CODE"
      AND "NON-MAGNETIC CONNECTORS"

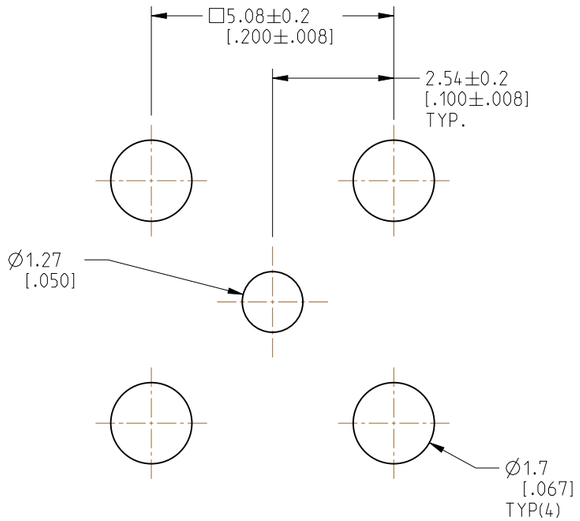
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-Mar-26	17837	LQ



THIS SURFACE MARKED "NM"
TO SIGNIFY
NON-MAGNETIC CONNECTORS







RECOMMENDED
PCB MOUNTING HOLE LAYOUT

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
919-174P-51A1X	13126

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
S. HOFFLER	M.ZHANG	19-Mar-26

TITLE: MCX R/A PCB RECEPT, PLUG NON-MAGNETIC

SHEET NO. 2 OF 2 | SCALE: 10.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	919-NM174P51A1X	A
	ITEM NO. 919-NM174P51A1X	
	PART NO. 919-NM174P51A1X	

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