NOTES:

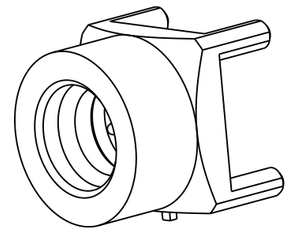
1. MATERIALS AND FINISHES:
   BODY, CONTACT - BRASS, GOLD PLATING
   INSULATOR - LCP E130i, NATURAL

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

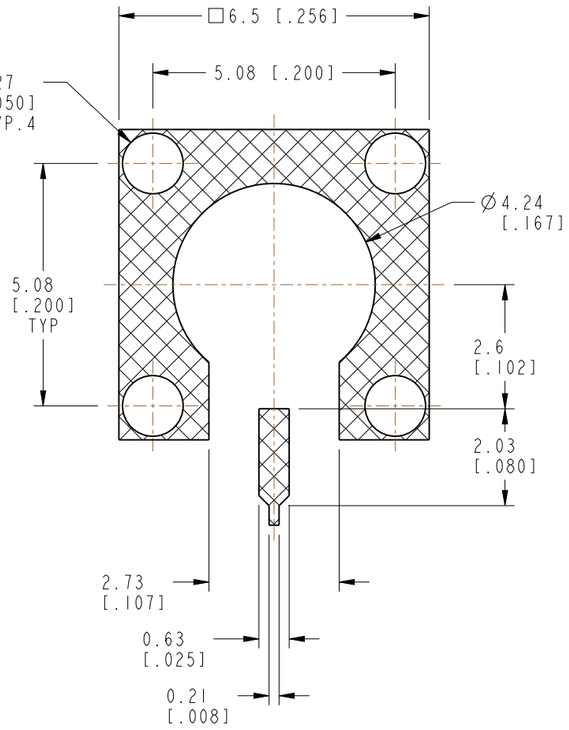
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO 165°C
   C. ENGAGEMENT FORCE: 10 LBS (45 N) MAX.
   D. DISENGAGEMENT FORCE: 2 LBS (9 N) MIN.
   E. INNER CONTACT RETENTION FORCE: 1.5 LBS (7 N) MIN.

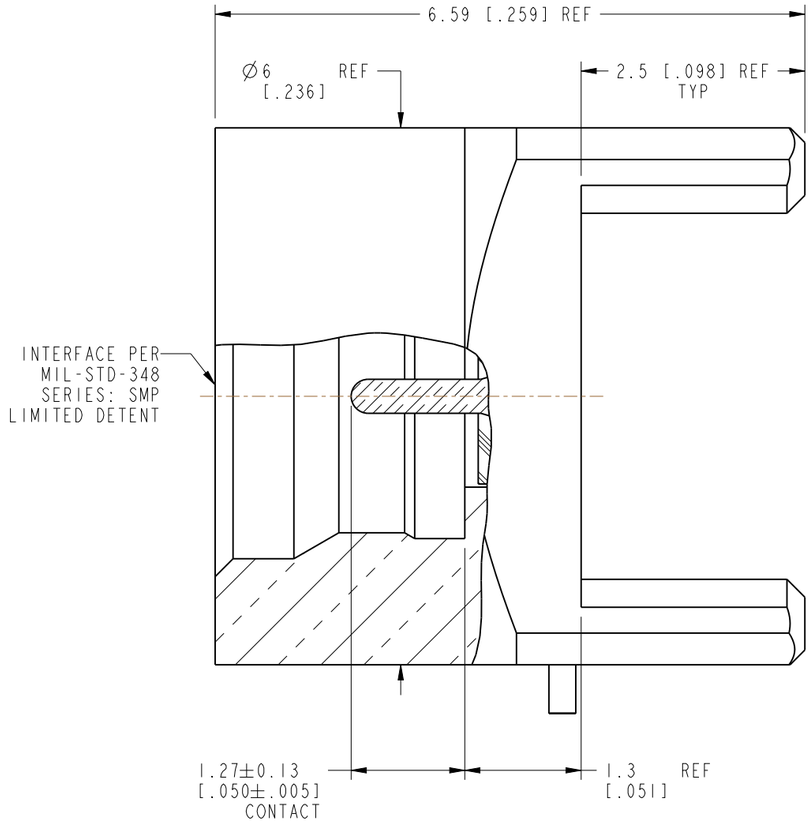
4. PACKAGING:
   A. QUANTITY: 50 PCS/TRAY
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, SMP-MSLD-PCT-19, AND DATE CODE"

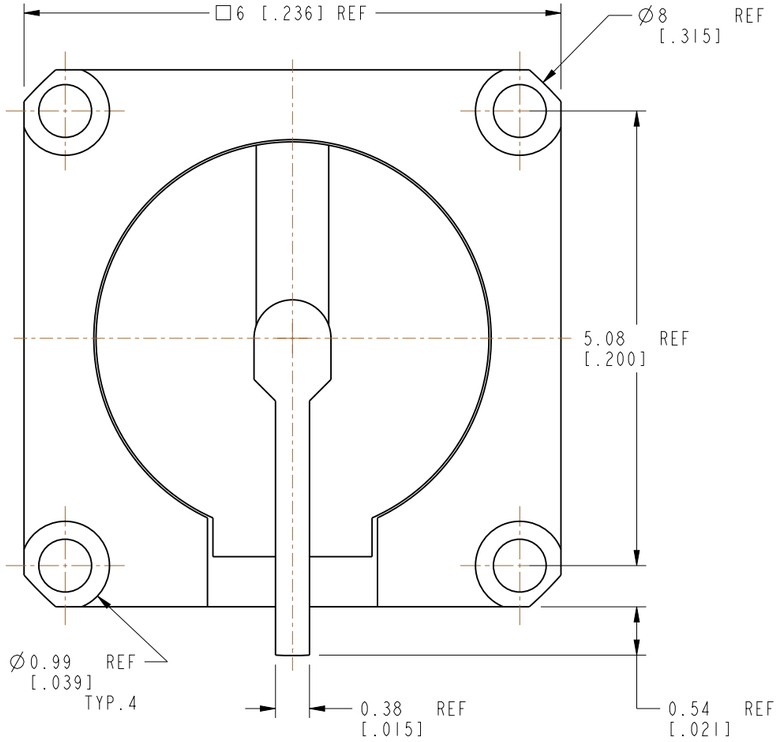
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	29-JUN-20	15254	EH



SCALE 5.000







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#
SMP-MSLD-PCT-15	9615

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		
NOTE 1		
ENGINEER	DATE	
B.WYMAN	13-JAN-20	

TITLE		
SMP STR JACK PCB RECEPTACLE LIMITED DETENT		
SHEET NO. 2 OF 2	SCALE: 15.0:1.0	

Amphenol RF

SIZE		REV
B	DRAWING NO. SMP-MSLD-PCT-19 ITEM NO. SMP-MSLD-PCT-19 PART NO. SMP-MSLD-PCT-19	A