NOTES:

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

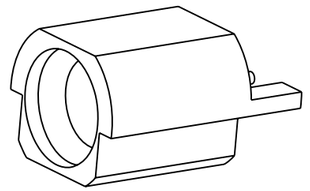
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 40 GHz
   C. VSWR (RETURN LOSS): 1.15:1 MAX (23 dB MIN) AT DC-10 GHz
      1.25:1 MAX (19 dB MIN) AT 10-26.5 GHz
      1.35:1 MAX (17 dB MIN) AT 26.5-40 GHz
      CONNECTOR ONLY, PERFORMANCE WILL VARY
      BASED ON BOARD LAYOUT
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
   E. INSULATOR RESISTANCE: 5000 MEGAOHMS MIN
   F. CONTACT RESISTANCE:
      CENTER CONTACT: 6 MILLIOHM, MAX

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

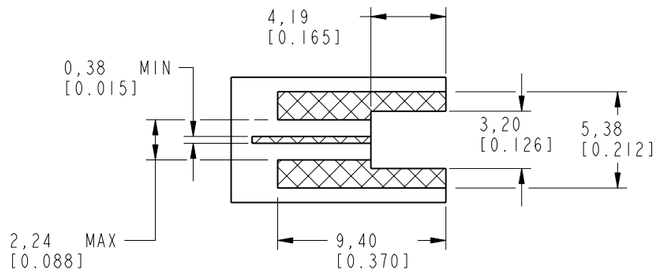
5. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 925-169J-5IP, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Jun-17	04003	BMG

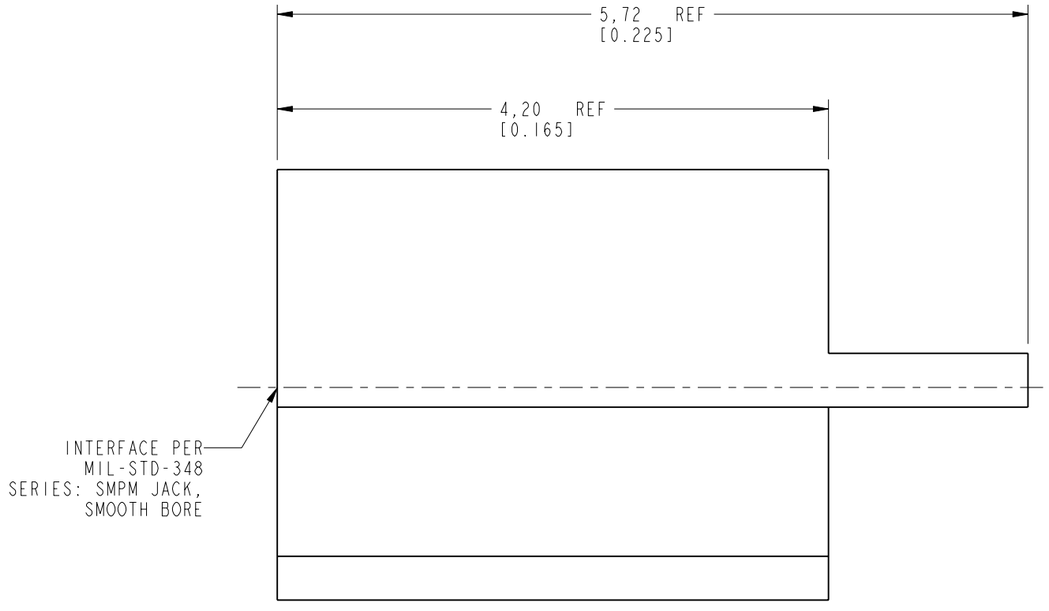


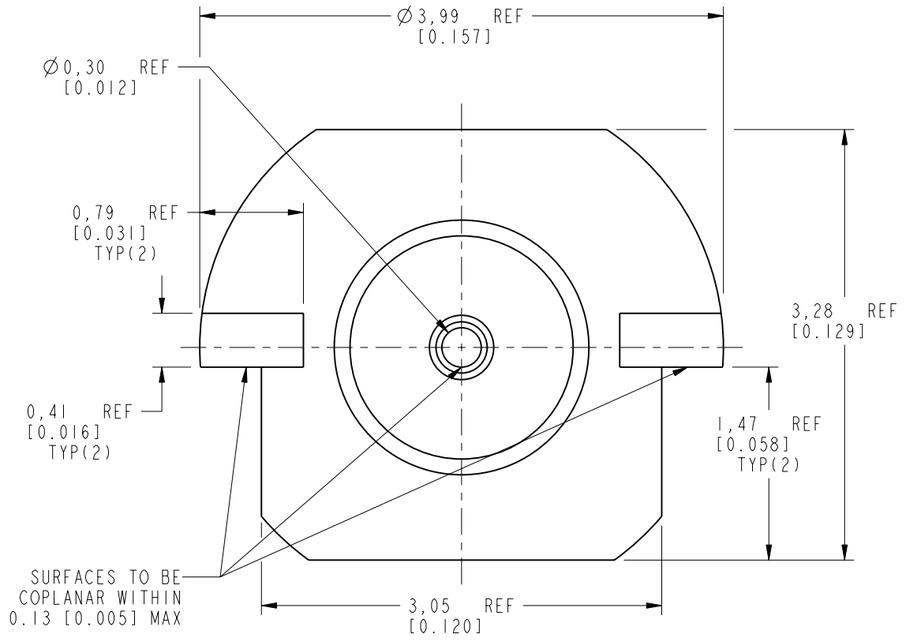
SCALE 7.000



RECOMMENDED PCB LAYOUT

SOLDER FOOTPRINT ONLY,
PERFORMANCE WILL VARY
BASED ON BOARD LAYOUT





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:				
<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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.

MATERIAL	DRAWN	DATE	TITLE
SEE NOTES	S.DUAN	12-Jun-17	SMPM STR JACK SMOOTH BORE, EDGE MOUNT
	ENGINEER	DATE	
	B. GREENBAUM	12-Jun-17	
EAR# 7607	APPROVED	DATE	
REF:	S.HSIEH	13-Jun-17	
CONFIGURATION LEVEL: In Work	CAD FILE		SCALE: 22.0:1.0 SHEET 2 OF 2
FINISH			DWG SIZE B / REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO.	925-169J-5IP
ITEM NO.	925-169J-5IP
PART NO.	925-169J-5IP