

NOTES:

1. MATERIALS & FINISHES:

BODY - BRASS - GOLD PLATED (.000030 MIN.)
 CONTACT - BRASS - GOLD PLATED (.000030 MIN.)
 INSULATOR - LCP

2. ELECTRICAL:

A. FREQUENCY RANGE = DC TO 40 GHz
 B. CONNECTOR ONLY VSWR: 1.15:1 MAX AT DC TO 10 GHz
 1.25:1 MAX AT 10-26.5 GHz
 1.35:1 MAX AT 26.5-40 GHz
 RESULTS WILL VARY BASED ON BOARD CONFIGURATION

C. D.W.V. = 500 VRMS MIN.
 D. INSULATION RESISTANCE = 1,000 MEGOHMS MIN.

3. PHYSICAL:

A. TEMPERATURE RANGE = -65°C TO +165°C
 B. DURABILITY = 100 MATING CYCLES MIN.

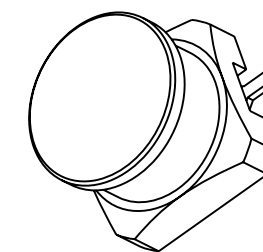
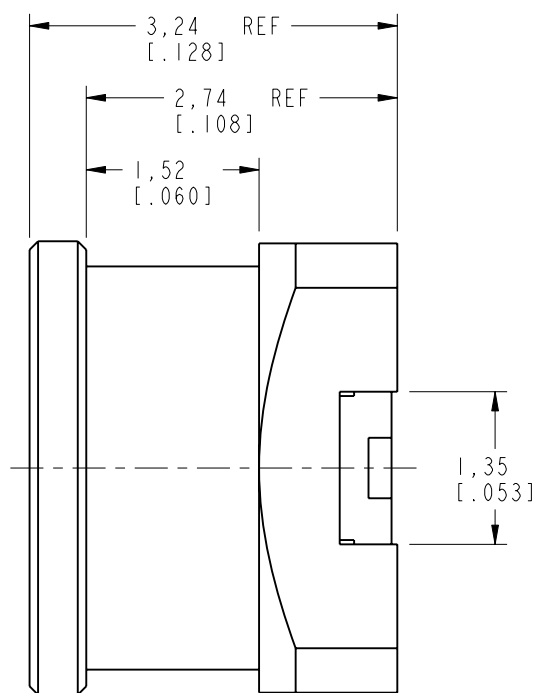
4. PACKAGING:

A. QUANTITY: 50 PCS/TRAY
 B. MARKING: TRAY TO BE MARKED:
 "AMPHENOL, 925-144J-51P, AND DATE CODE"

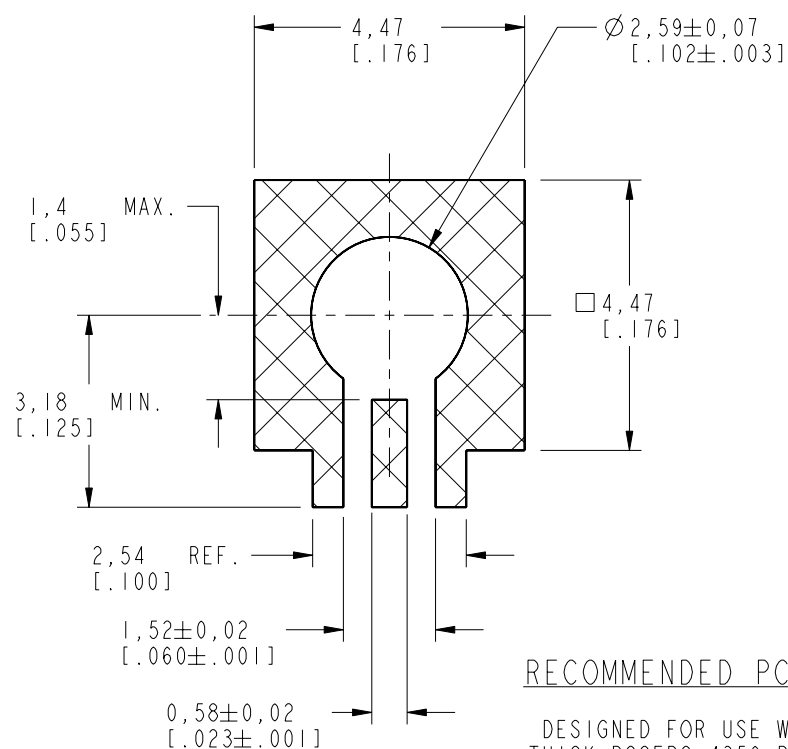
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	04-Jul-16	00941	RM
B	NOTE 4A WAS TAPE AND REEL \RD-DM17012401R3	11-Feb-17	02466	RM



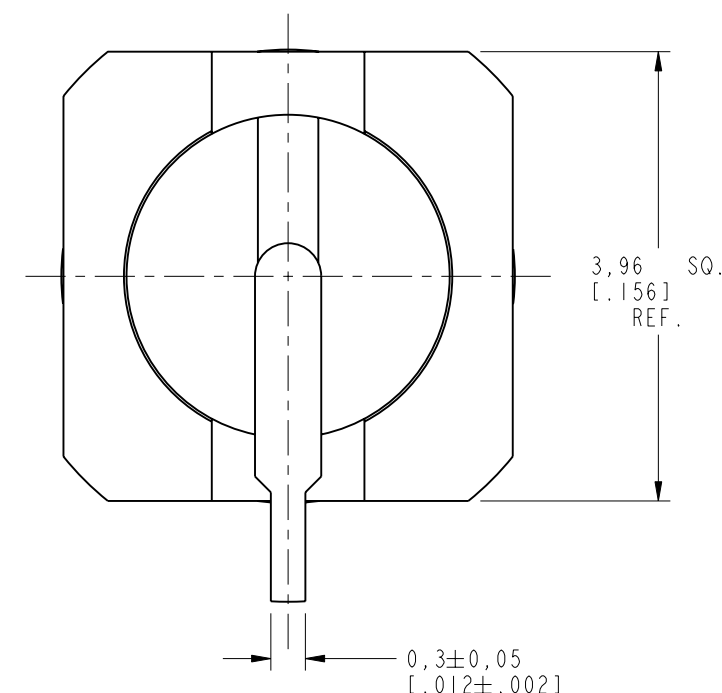
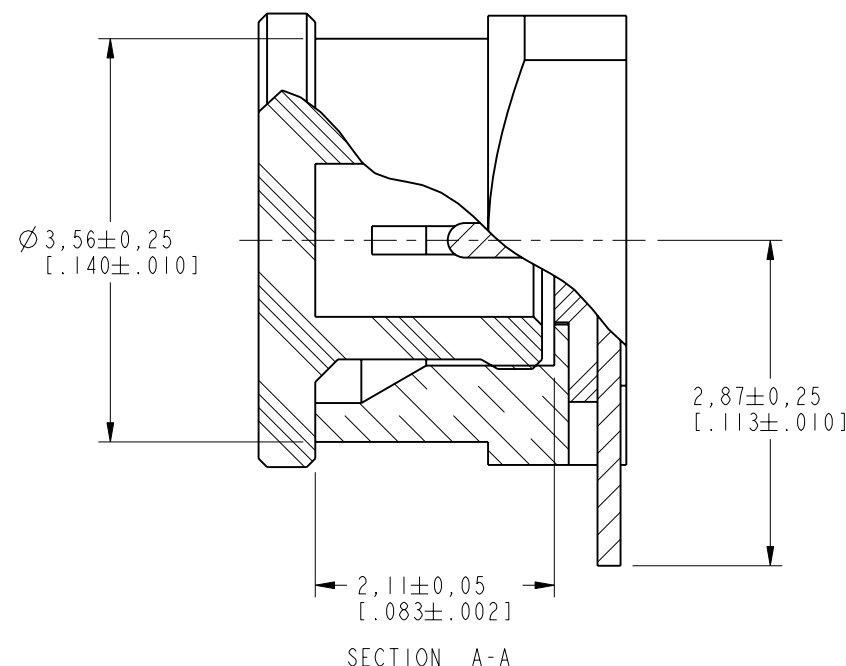
SCALE 6.000



RECOMMENDED PCB LAYOUT

DESIGNED FOR USE WITH .0100" THICK ROGERS 4350 PCB MATERIAL

THESE DIMENSIONS MAY VARY DEPENDING ON PCB MATERIAL USED



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

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MATERIAL	DRAWN J. NERI	DATE 09-Nov-16
REFERENCE 925-143J-51P	ENGINEER E WANKOFF	DATE 20-Feb-13
EAR #5317 GEN# ASSYM3-SMPM	APPROVED S. HSIEH	DATE 11-Feb-17
FINISH	CAD FILE	

TITLE SMPM MALE, SURFACE MOUNT, SMOOTH BORE	SCALE: 15.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV B	

Amphenol RF	
www.amphenolrf.com	
DRAWING NO.	925-144J-51P
ITEM NO.	925-144J-51P
PART NO.	925-144J-51P