NOTES:

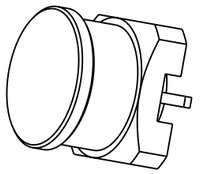
1. MATERIALS AND FINISHES:
   BODY - BRASS, GOLD PLATING
   CONTACT - BRASS, GOLD PLATING
   INSULATOR - LCP, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 26.5 GHz
   C. VSWR(RETURN LOSS): 1.15 MAX AT DC - 10 GHz
   1.25 MAX AT 10 - 26.5 GHz
   RESULTS WILL VARY BASED ON BOARD CONFIGURATION

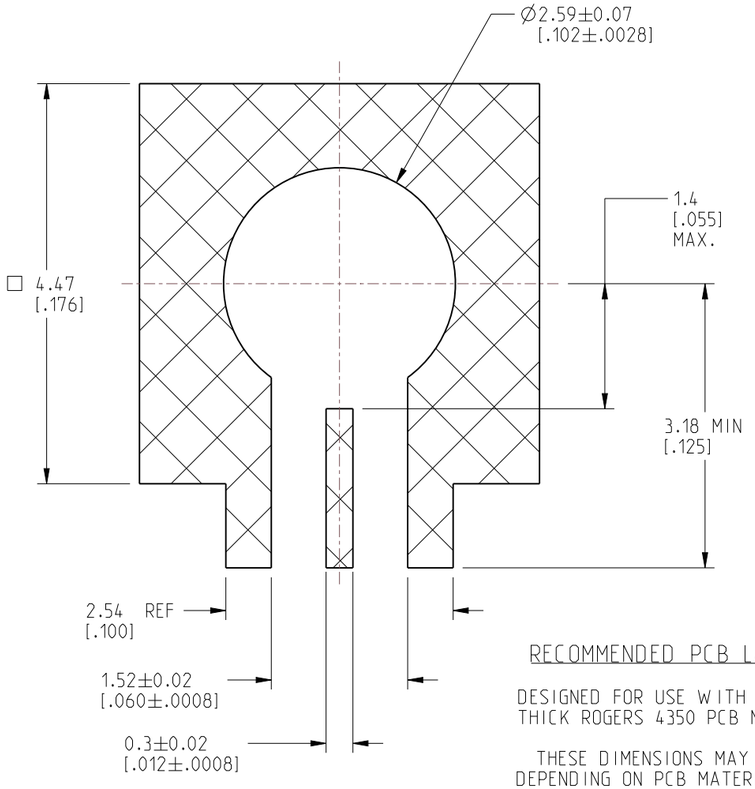
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65° C TO +165° C

4. PACKAGING:
   A. QUANTITY: TAPE & REEL PACKED, 1000 PCS/REEL
   B. MARKING: PACKAGING TO BE MARKED
   "AMPHENOL RF, 925-197J-51PT, DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-NOV-19	13561	EH
B	UPDATED DRAWING FORMAT	15-OCT-26	18089	LQ



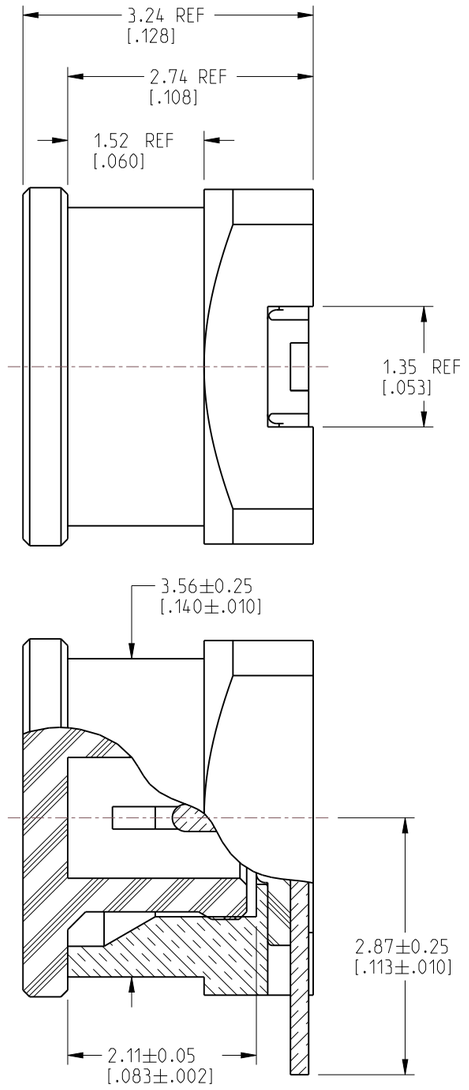
SCALE 6.000

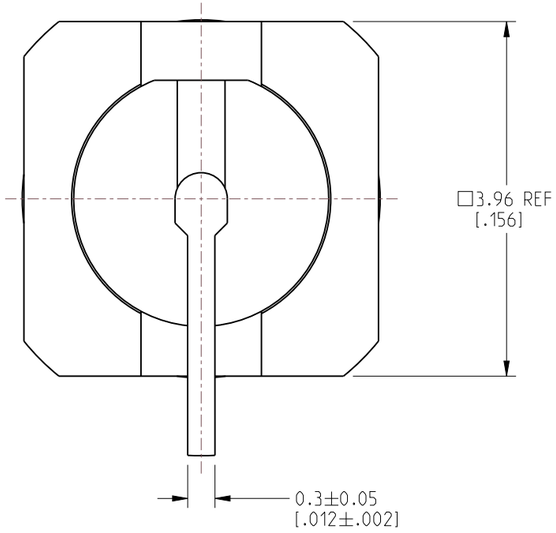


RECOMMENDED PCB LAYOUT

DESIGNED FOR USE WITH 0.0100" 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

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 925-144J-51P

EAR# 5317

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: S. HOFFLER | ENGR.2: | DATE: 13-OCT-26

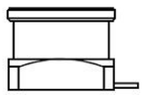
TITLE: SMPM SURFACE MOUNT JACK, SMOOTH BORE TAPE & REEL

SHEET NO. 2 OF 3 | SCALE: 15.0:1.0

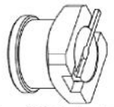
Amphenol RF

SIZE	DRAWING NO.	REV
B	925-197J-51PT	B
	ITEM NO. 925-197J-51PT	
	PART NO. 925-197J-51PT	

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-NOV-19	13561	EH
B	UPDATED DRAWING FORMAT	15-OCT-26	18089	LQ



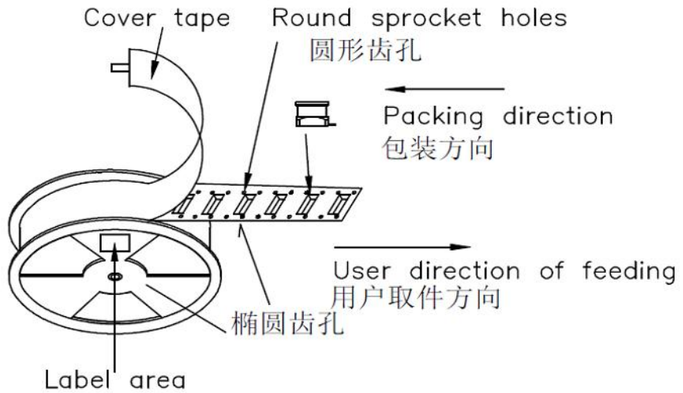
925-204J-51PT



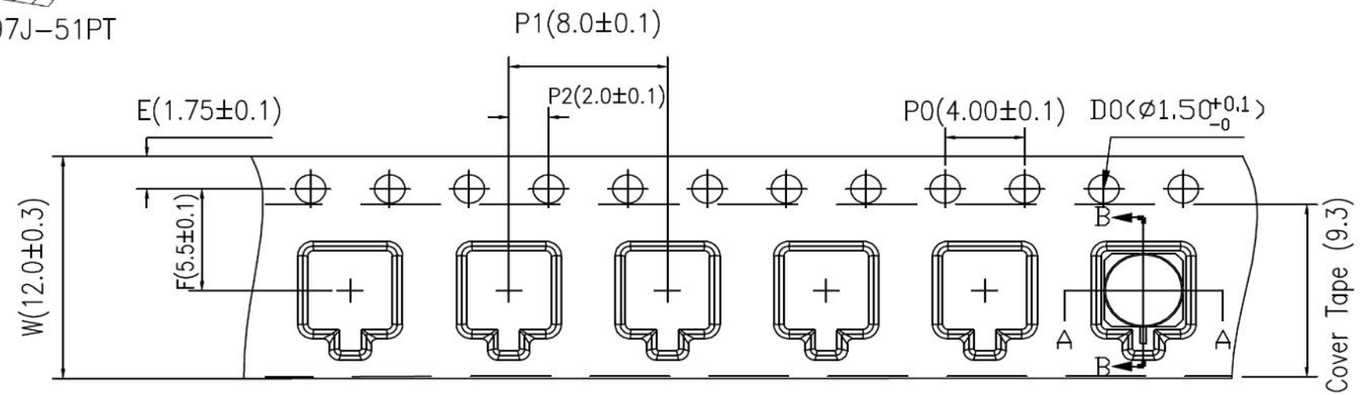
925-196J-51PT

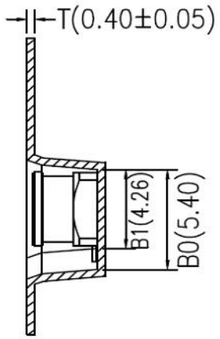


925-197J-51PT

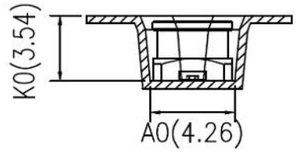


TAPE&REEL示意图









Notes:

1. **10 sprocket hole pitch cumulative tolerance ±0.20mm**
   (每10个链轮齿孔径累计公差为±0.2MM)
2. **Carrier camber not to exceed 1mm in 250mm.**
   (传送料带弯曲变形度每250MM不超过1MM)
3. **A_0 and B_0 measured on a plane 0.3mm above the bottom of the pocket.**(A0与B0在同一平面测量且距口袋底部0.3MM)
4. **K_0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.**
   (K0为口袋底部与材料表面的平面距离。)
5. **All dimensions meet EIA-481-D requirements.**
   (所有尺寸符合EIA-481-D标准要求。)
6. **Material: Black Antistatic polystyrene .**
   (材料:黑色聚苯乙烯。)
7. **Thickness: 0.40 ±0.05 mm.**
   (厚度:0.40±0.05毫米。)
8. **Packing length per 13" reel : 8.64Meters.**
   (每个13"卷轴包装长度8.64米。)
9. **Component loader per 13" reel : 1000pcs.**
   (每个13"卷轴可装1000个零件。)

客户需求只包1000个数量，与
925-131J-51S共用模具，只需绕半卷更改数量

包 装 信 息	
卷 盘	330mmx16mm
卷盘信息	宝蓝连体盘
上封带	13.3MM
每盘格数	1000pcs+前后各空40pcs
生產模具信息	
間距	8mm
模具穴數	12穴
成型模數	90模
每盤長度	8.64M

ITEM	W	A_0	B_0	K_0	K_1	P_1	F	E	D_0	D_1	P_0	P_2	T
DIM	12±0.3	4.26±0.1	5.4±0.1	3.54±0.1		8.0±0.1	7.5±0.1	1.75±0.1	$1.5^{+0.1}_{-0.00}$		4.0±0.1	2.0±0.1	0.4±0.05

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 925-144J-51P | EAR# 5317

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

ENGR.1 S. HOFFLER | ENGR.2 | DATE 13-OCT-26

TITLE
SMPM SURFACE MOUNT
JACK, SMOOTH BORE
TAPE & REEL

SHEET NO. 3 OF 3 | SCALE: 20.0:1.0

Amphenol RF

SIZE B | DRAWING NO. 925-197J-51PT | ITEM NO. 925-197J-51PT | PART NO. 925-197J-51PT | REV B