

NOTES:

1. MATERIALS & FINISHES:

BODY - BRASS, GOLD PLATING (.000030 MIN.)
CONTACT - BRASS, GOLD PLATING (.000030 MIN.)
INSULATOR - LCP, NATURAL
CAP - PTFE, NATURAL

2. ELECTRICAL:

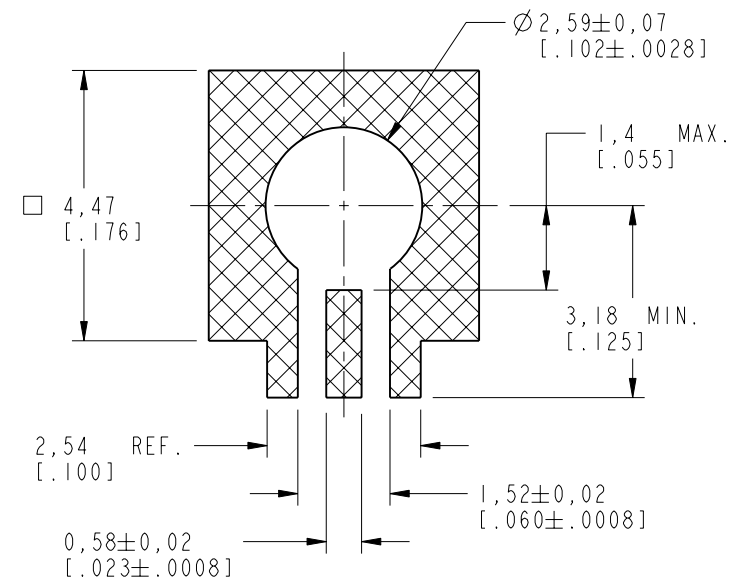
A. IMPEDANCE : 50 OHM
B. FREQUENCY RANGE : DC - 10 GHz
C. CONNECTOR ONLY VSWR: 1.15:1 MAX AT DC - 10 GHz
RESULTS WILL VARY BASED ON BOARD CONFIGURATION.
D. DIELECTRIC WITHSTANDING VOLTAGE : 500 VRMS, MIN.
E. INSULATION RESISTANCE : 1,000 MEGOHMS MIN.

3. MECHANICAL:

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

4. PACKAGING:

A. PACKAGE CONNECTOR T&R AS PER "925-131J-51S TAPE."
B. MARKING: TAG TO BE MARKED
"AMPHENOL RF, 925-143J-51PT & WWYY, QTY: 2200 PCS/ REEL"

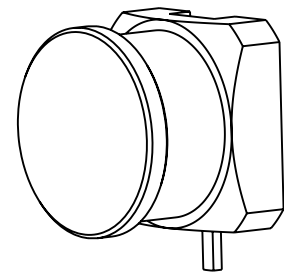
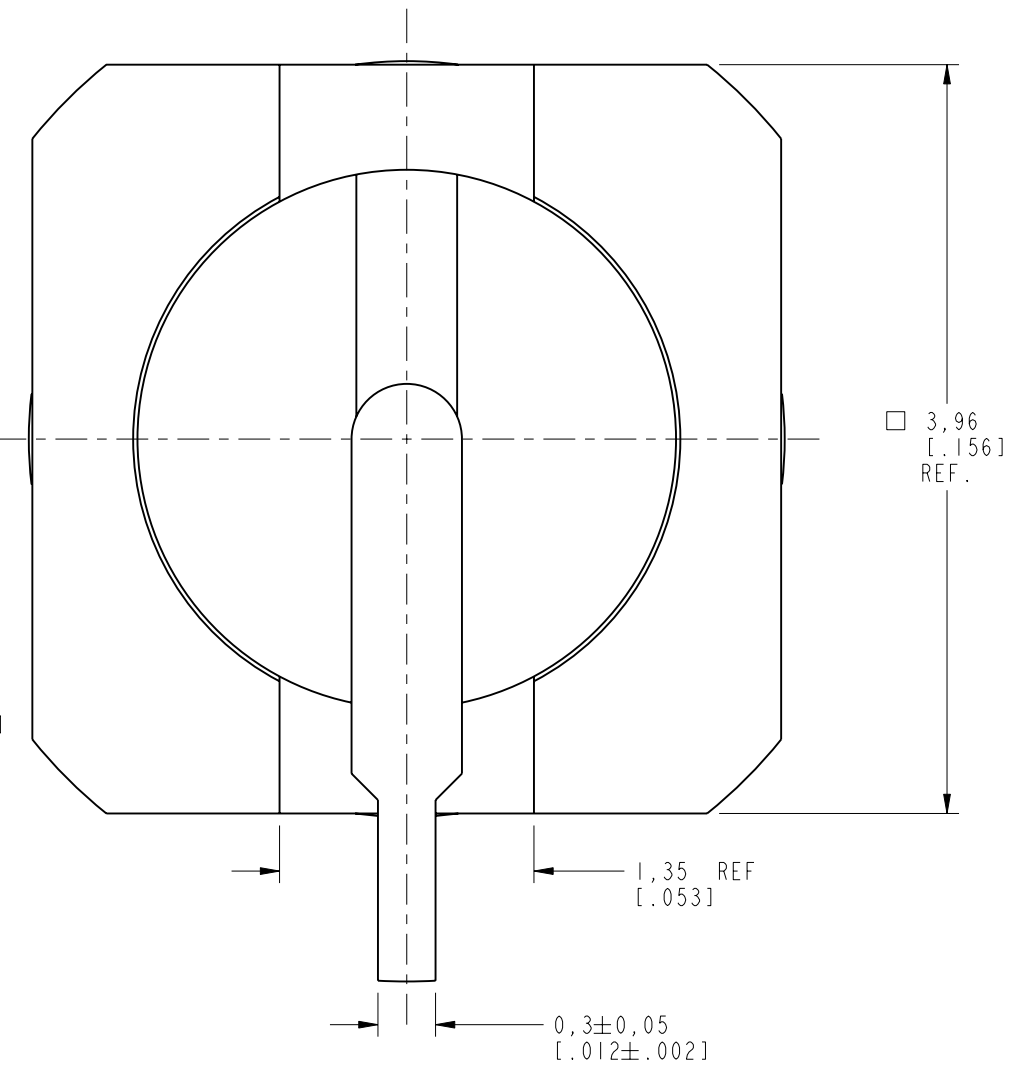
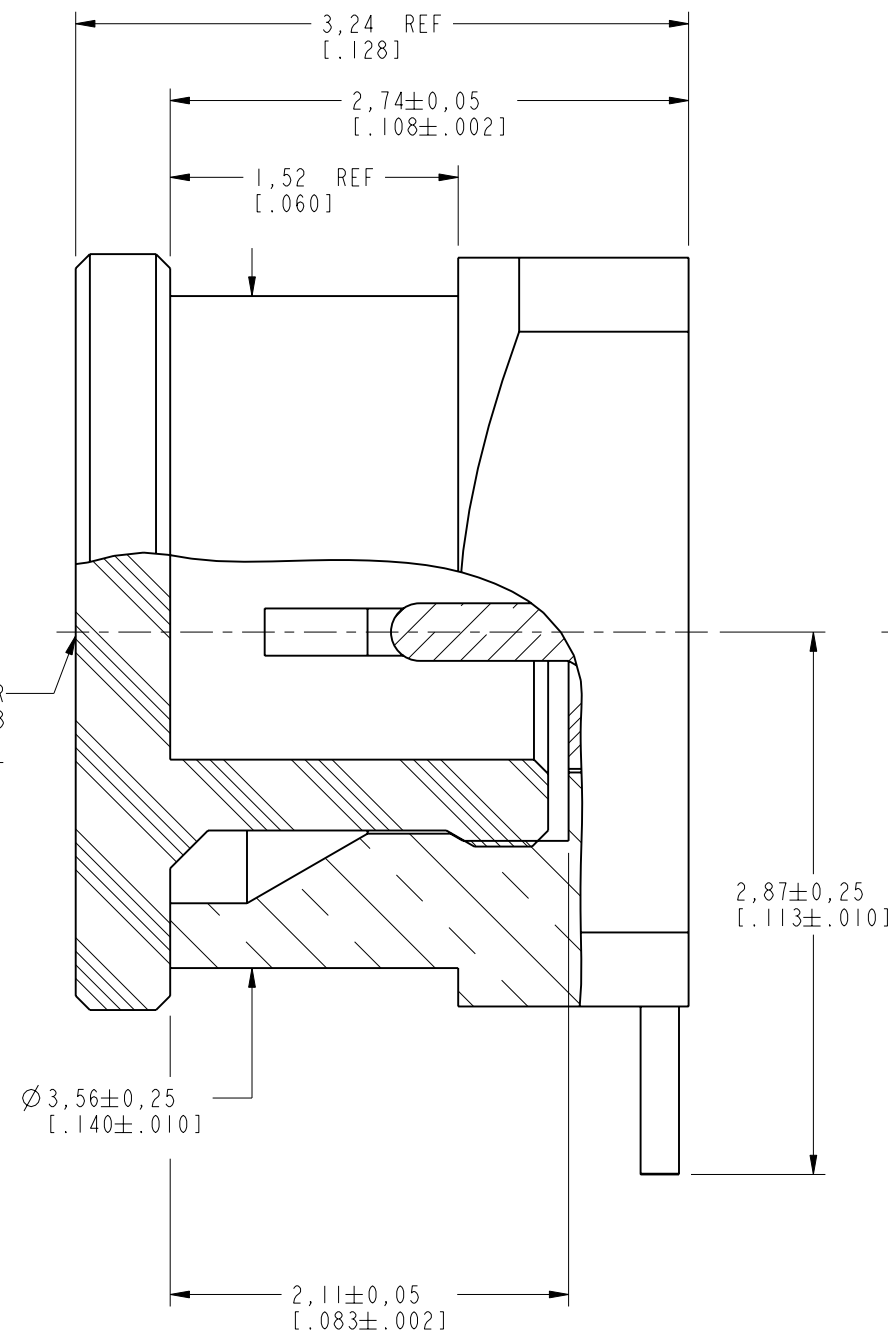


**RECOMMENDED
PCB LAYOUT**

DESIGNED FOR USE WITH 0.25 MM [0.010]"
THICK ROGERS 4350 PCB MATERIAL

THESE DIMENSIONS MAY VARY
DEPENDING ON PCB MATERIAL USED

INTERFACE PER
MIL-STD-348
SERIES: SMPM JACK,
FULL DETENT



SCALE 7.000

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°

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.

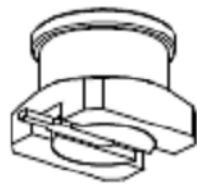
MATERIAL	SEE NOTES
REFERENCE	EAR# 5317
REF:	SAME AS 925-143J-51P EXCEPT THE PACK
CONFIGURATION LEVEL:	In Work
FINISH	

DRAWN	DATE
M.ZHANG	01-Mar-19
ENGINEER	DATE
S.SEYAL	21-Nov-18
APPROVED	DATE
S.HSIEH	04-Mar-19
CAD FILE	

TITLE	
SMPM STR JACK, FULL DETENT, SURFACE MOUNT (TAPE & REEL)	
SCALE: 25.0:1.0	SHEET 2 OF 3
DWG SIZE	REV
B	A

Amphenol RF	
www.amphenolrf.com	
DRAWING NO.	925-143J-51PT
ITEM NO.	925-143J-51PT
PART NO.	925-143J-51PT

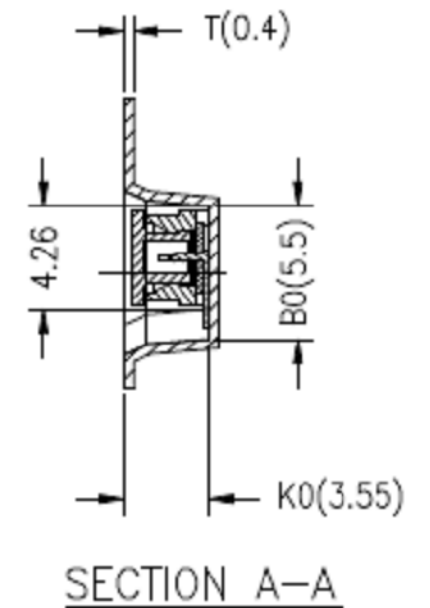
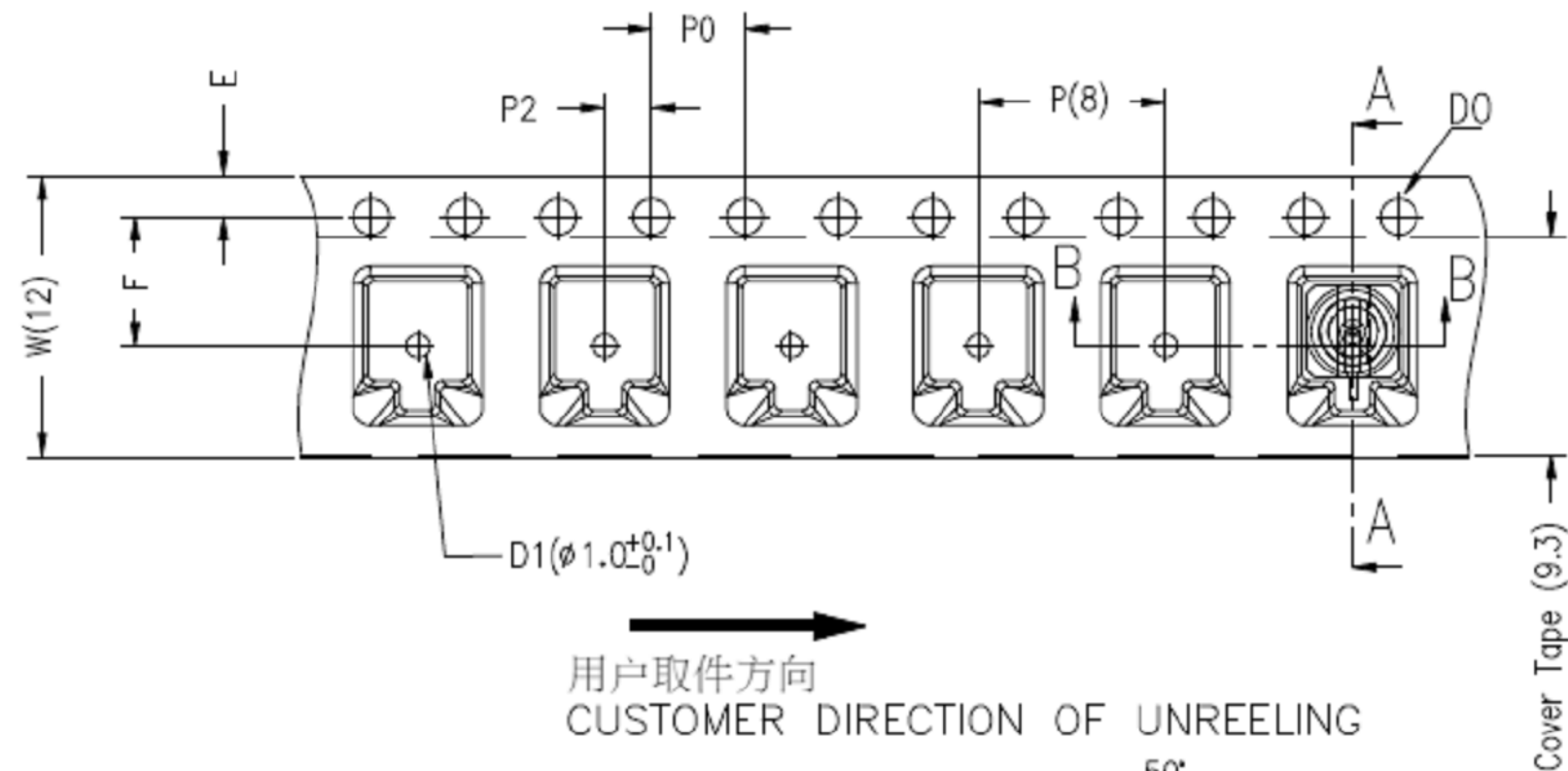
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	01-Mar-19	10725	SS



925-131J-51S

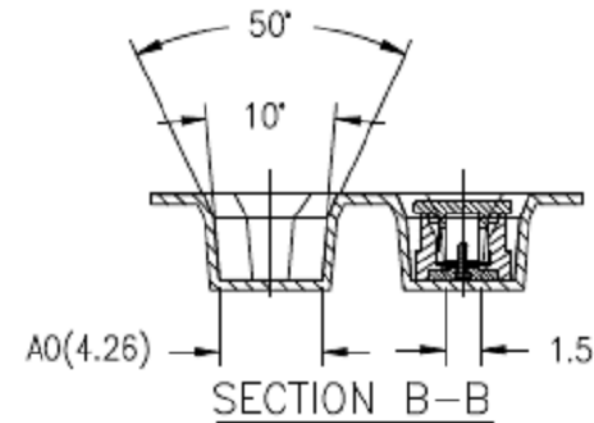
C 925-144J-51PT

C 925-143J-51PT



NOTES:

1. 10 sprocket holes pitch cumulative tolerance ± 0.20 mm.
2. Carrier camber not to exceed 1 mm in 250 mm.
3. A0 and B0 measured on a plane 0.3 mm above the bottom of the pocket.
4. K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
5. All dimensions meet EIA-481-D requirements.
6. Material of carrier tape: Black PS (RoHS Compliant)
7. Thickness: 0.40 ± 0.05 mm.
8. Packing length per 13" reel: 18.5 Meters.
9. Component loader per 13" reel: 2200 pcs.



注:未注公差為:±0.10

NOTE: ALL TOLERANCES ARE: ± 0.10 , EXCEPT WHERE NOTED

ITEM	W	A ₀	B ₀	K ₀	K ₁	P	F	E	D ₀	D ₁	P ₀	P ₂	T
DIM	12±0.3	4.26±0.1	5.5±0.1	3.55±0.1		8.0±0.1	5.5±0.1	1.75±0.1	1.5 ^{+0.1} _{-0.00}	1.0 ^{+0.1} _{-0.00}	4.0±0.1	2.0±0.1	0.4±0.05

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

SEE SHEET 2

REFERENCE

EAR# EAR #5317

REF: SAME AS 925-143J-51P EXCEPT THE PACK

CONFIGURATION LEVEL: In Work

FINISH

DRAWN

M. ZHANG

ENGINEER

S. SEYAL

APPROVED

S. HSIEH

CAD FILE

DATE

01-Mar-19

DATE

21-Nov-18

DATE

04-Mar-19

TITLE

SMPM STR JACK,
FULL DETENT,
SURFACE MOUNT

SCALE: 24.0:1.0 SHEET 3 OF 3

DWG SIZE

B

REV

A

Amphenol RF

www.amphenolrf.com

DRAWING NO. 925-143J-51PT

ITEM NO. 925-143J-51PT

PART NO. 925-143J-51PT