

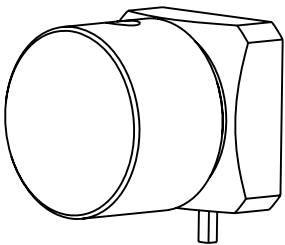
NOTES:

1. MATERIALS AND FINISHES:  
BODY & CONTACT - BRASS, GOLD PLATING  
INSULATOR - LCP EI30i  
CAP - PTFE, NATURAL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 18 GHz  
C. VSWR (RETURN LOSS): 1.10 MAX. (-26.4 dB MIN.) @ DC - 6 GHz  
1.15 MAX. (-23.1 dB MIN.) @ 6 - 10 GHz  
1.30 MAX. (-17.7 dB MIN.) @ 10 - 18 GHz  
  
CONNECTOR ONLY, PERFORMANCE WILL VARY  
BASED ON BOARD LAYOUT  
D. DIELECTRIC WITHSTANDING VOLTAGE: 335 VRMS, MIN.
3. MECHANICAL:  
A. DURABILITY: 1000 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C  
C. ENGAGEMENT FORCE: 2 LBS (9 N) MAX.  
D. DISENGAGEMENT FORCE: 0.5 LBS (2.2 N) MIN.  
E. INNER CONTACT RETENTION FORCE: 1.5 LBS (7 N) MIN.
4. PACKAGING:  
A. QUANTITY: TAPE & REEL PACKAGING, 800 PCS/REEL  
B. MARKING: REEL TO BE MARKED:  
"AMPHENOL RF, SMP-MSSB-PCSI5T AND DATE CODE"

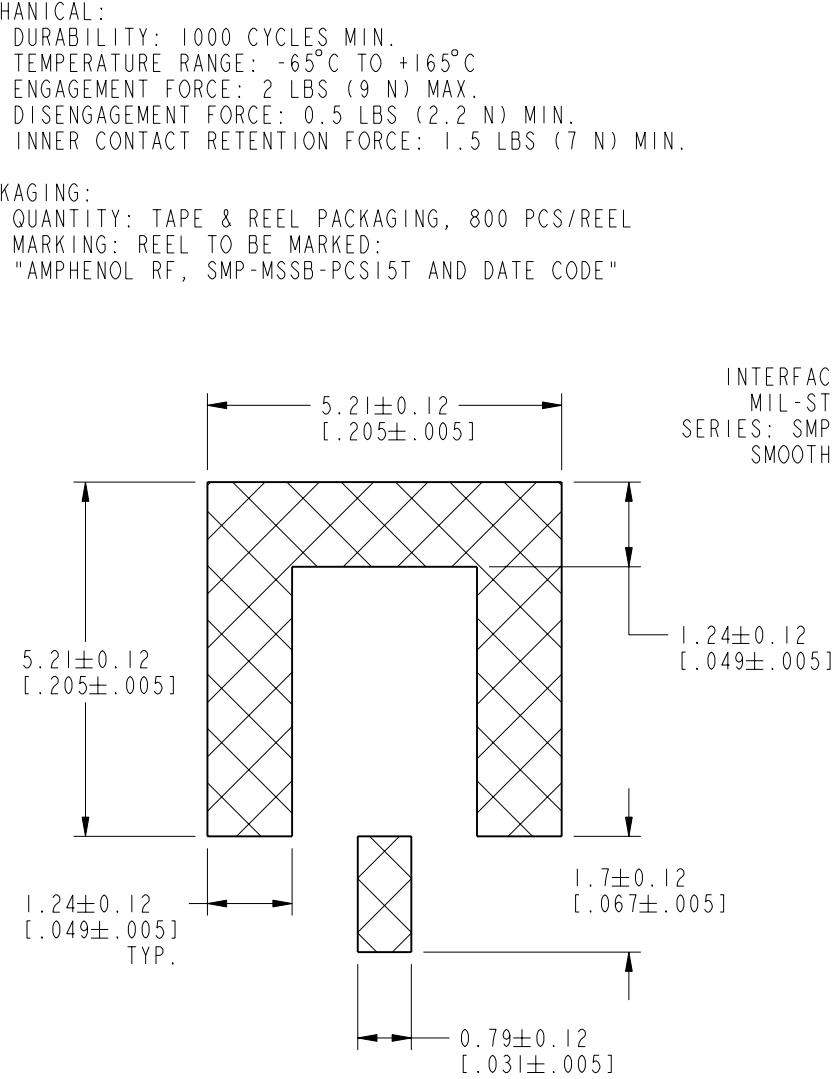
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Jun-18	08221	BMG

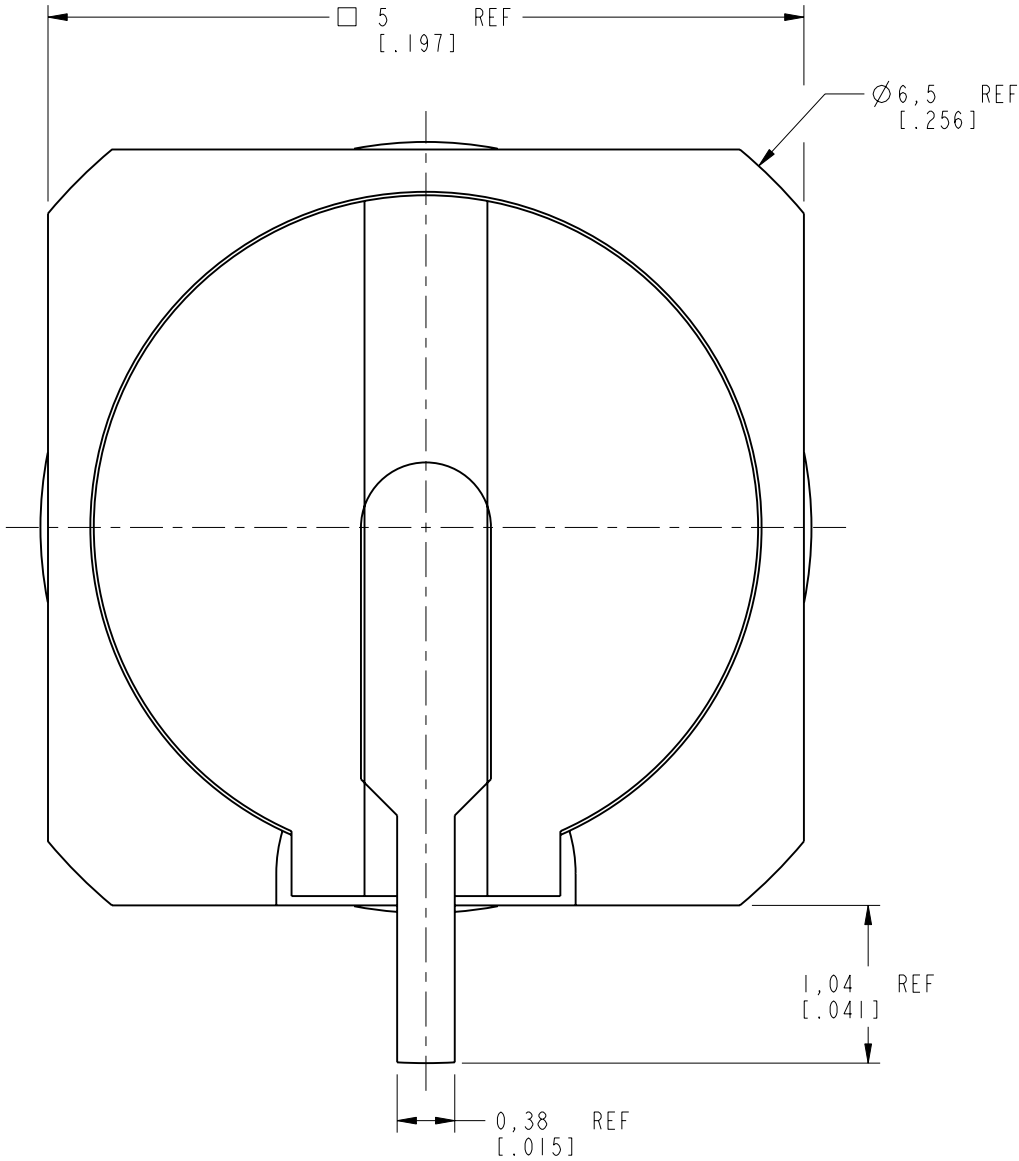
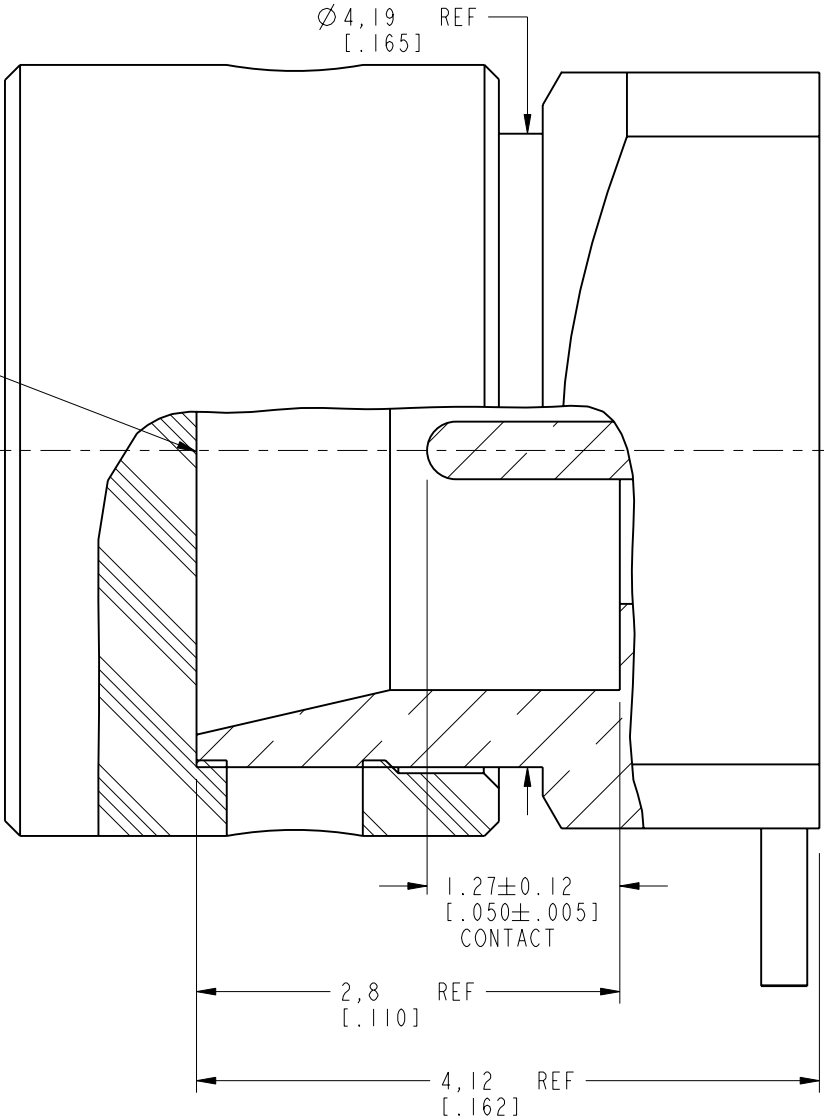


SCALE 5.000



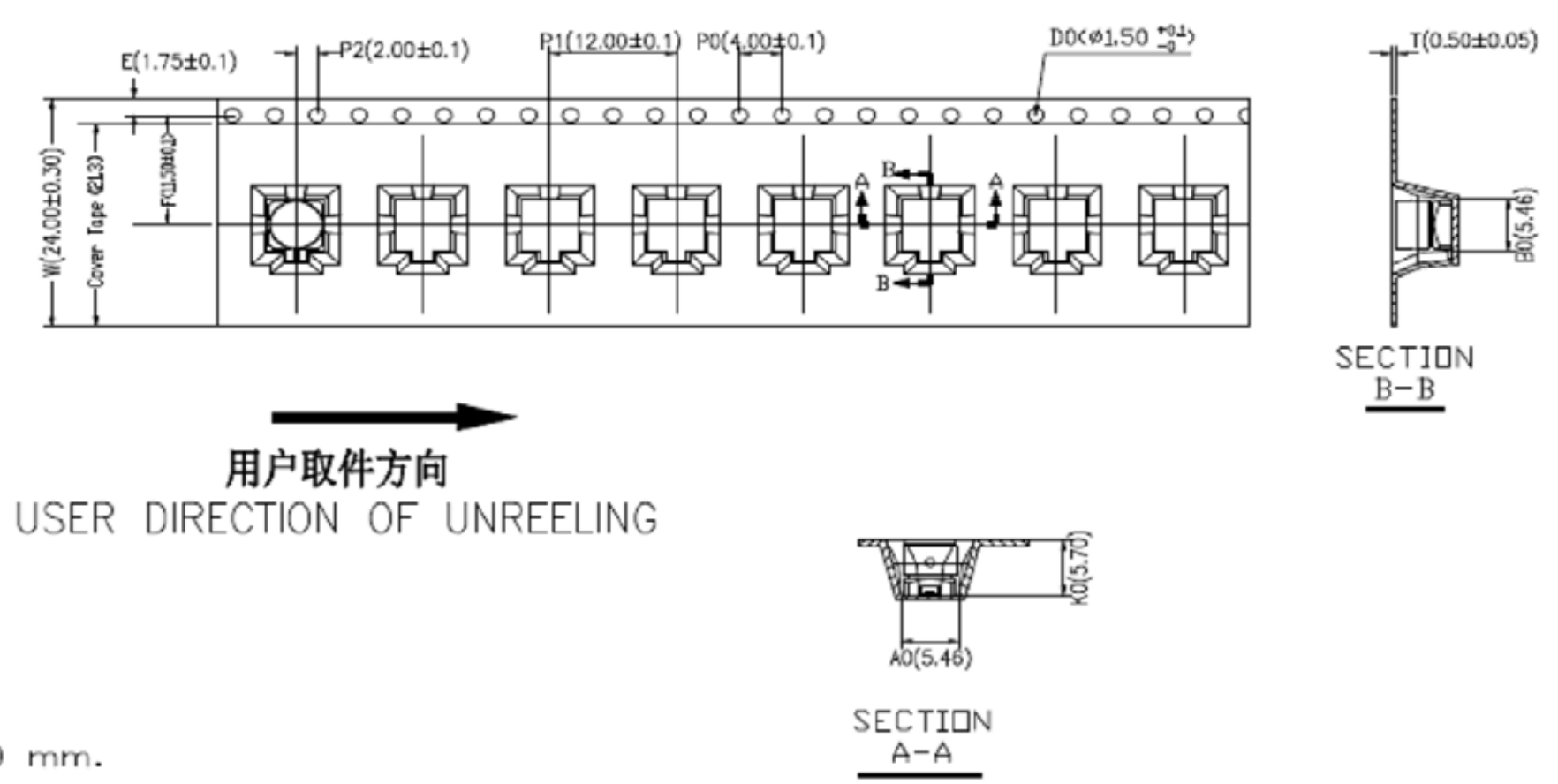
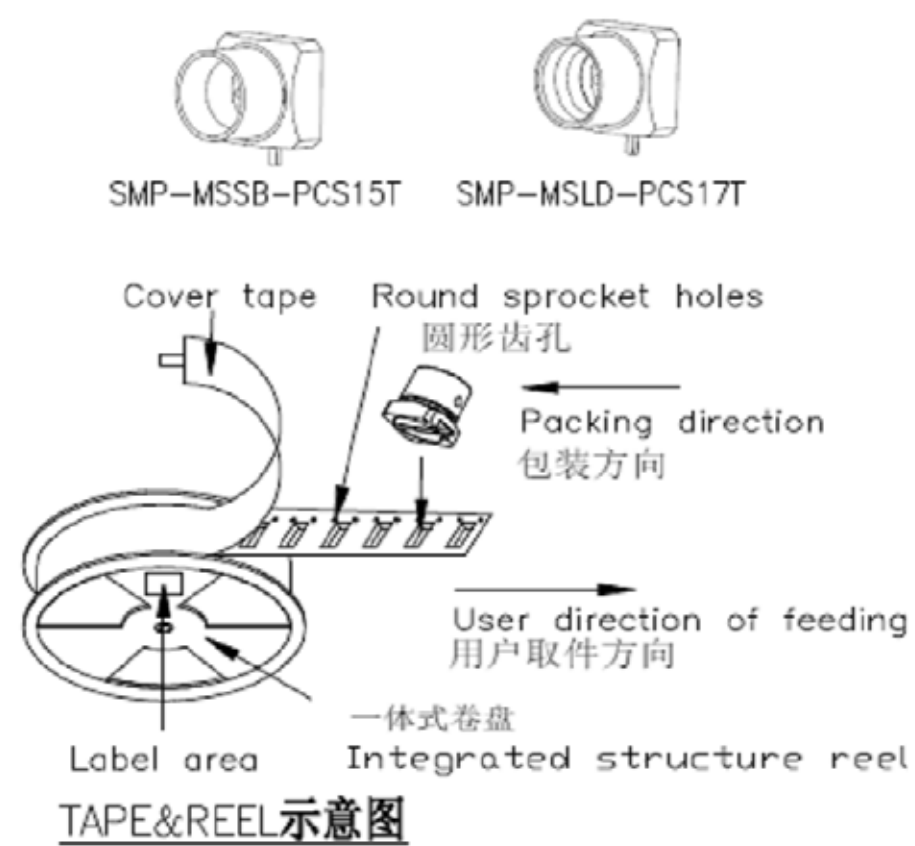
RECOMMENDED PCB  
LAYOUT DIMENSIONS

INTERFACE PER  
MIL-STD-348  
SERIES: SMP JACK  
SMOOTH BORE



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°	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF	
	-	STAR	13-Jun-18				
		ENGINEER	DATE	SMP STR JACK PCB RECEPTACLE SMOOTH BORE SURFACE MOUNT		www.amphenolrf.com	
		SUNDE	13-Jun-18				
	REFERENCE	APPROVED	DATE	SCALE: 20.0:1.0		SHEET 2 OF 3	
EAR #                      AND                      SMP-MSSB-PCS-T	S.HSIEH	13-Jun-18					
CONFIGURATION LEVEL: In Work	CAD FILE			DWG SIZE		REV	
FINISH				B		A	
DRAWING NO. SMP-MSSB-PCS15T							
ITEM NO. SMP-MSSB-PCS15T							
PART NO. SMP-MSSB-PCS15T							



- NOTES:
- 1. 10 sprocket holes pitch cumulative tolerance  $\pm 0.20$  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: Black PS (RoHS Compliant)
  - 7. Thickness:  $0.50 \pm 0.05$  mm.
  - 8. Packing length per 13" reel: 10.56 Meters.
  - 9. Component loader per 13" reel: 800 pcs.

注:未注公差為:±0.10

NOTE: ALL TOLERANCES ARE:  $\pm 0.10$ , EXCEPT WHERE NOTED

ITEM	W	A <sub>0</sub>	A <sub>1</sub>	B <sub>0</sub>	B <sub>1</sub>	K <sub>0</sub>	K <sub>1</sub>	P <sub>1</sub>	F	E	D <sub>0</sub>	P <sub>0</sub>	P <sub>2</sub>	T
DIM	24.00±0.30	5.46±0.10		5.46±0.10		5.70±0.10		12.00±0.10	11.50±0.10	1.75±0.10	1.50 <sup>+0.10</sup> <sub>-0.00</sub>	4.00±0.10	2.00±0.10	0.50±0.05

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:     &lt;0.5mm      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES     ± 0.05mm    ±0.1mm      ±0.2mm      ± 0.3mm      ±1°</div> <div>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.</div>	MATERIAL		DRAWN	DATE	TITLE SMP STR JACK PCB RECEPTACLE SMOOTH BORE SURFACE MOUNT		Amphenol RF  www.amphenolrf.com	
	-		STAR	13-Jun-18				
	REFERENCE		ENGINEER	DATE	SCALE: 21.0:1.0 SHEET 3 OF 3		DRAWING NO. SMP-MSSB-PCS15T	
	EAR #                      AND      SMP-MSSB-PCS-T		SUNDE	13-Jun-18			ITEM NO.      SMP-MSSB-PCS15T	
	CONFIGURATION LEVEL: In Work		CAD FILE	DATE		DWG SIZE		REV
FINISH			13-Jun-18		B		A	

# Mouser Electronics

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