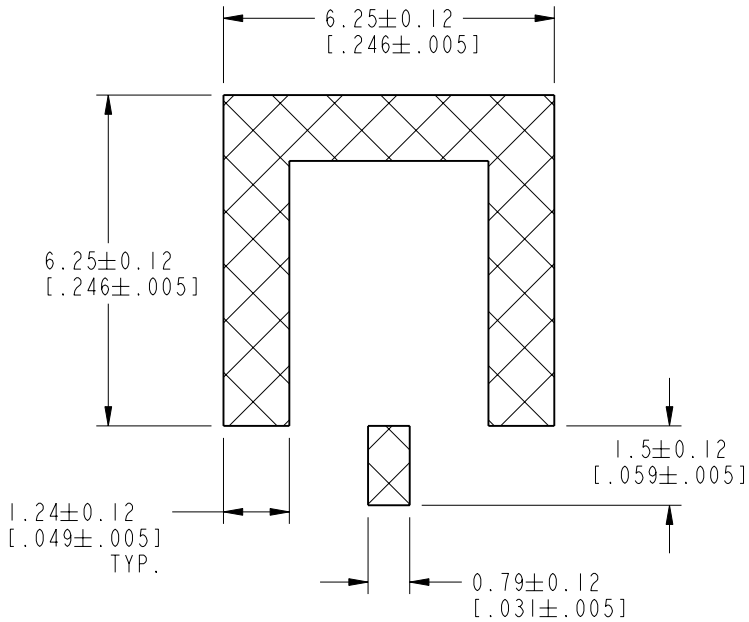


- NOTES:
1. MATERIALS AND FINISHES:  
BODY & CONTACT - BRASS, GOLD PLATING  
INSULATOR - LCP EI30i  
CAP - PTFE, NATURAL

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  
  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.  
CONNECTOR ONLY, PERFORMANCE WILL VARY  
BASED ON BOARD LAYOUT

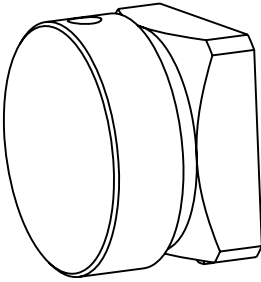
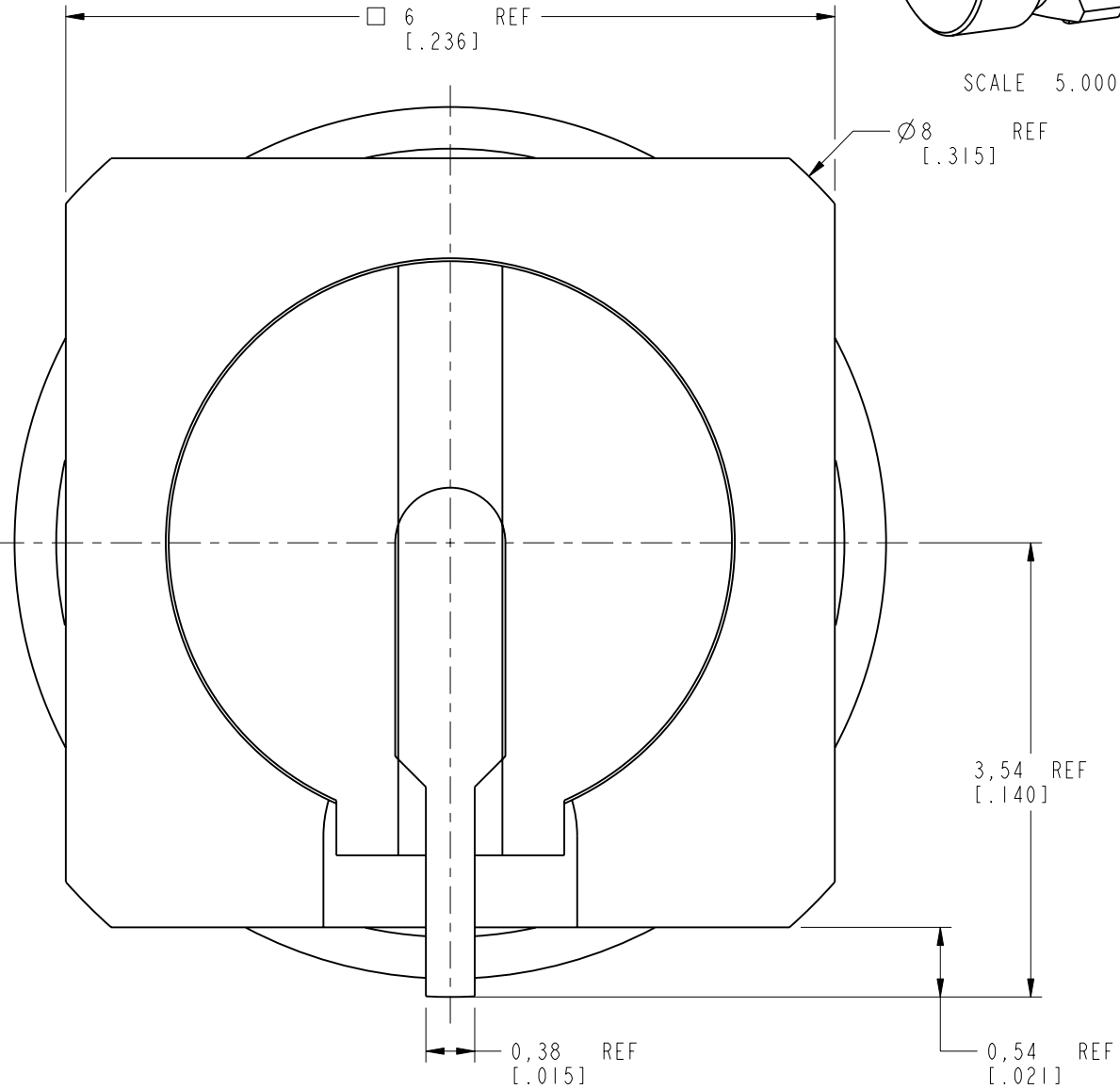
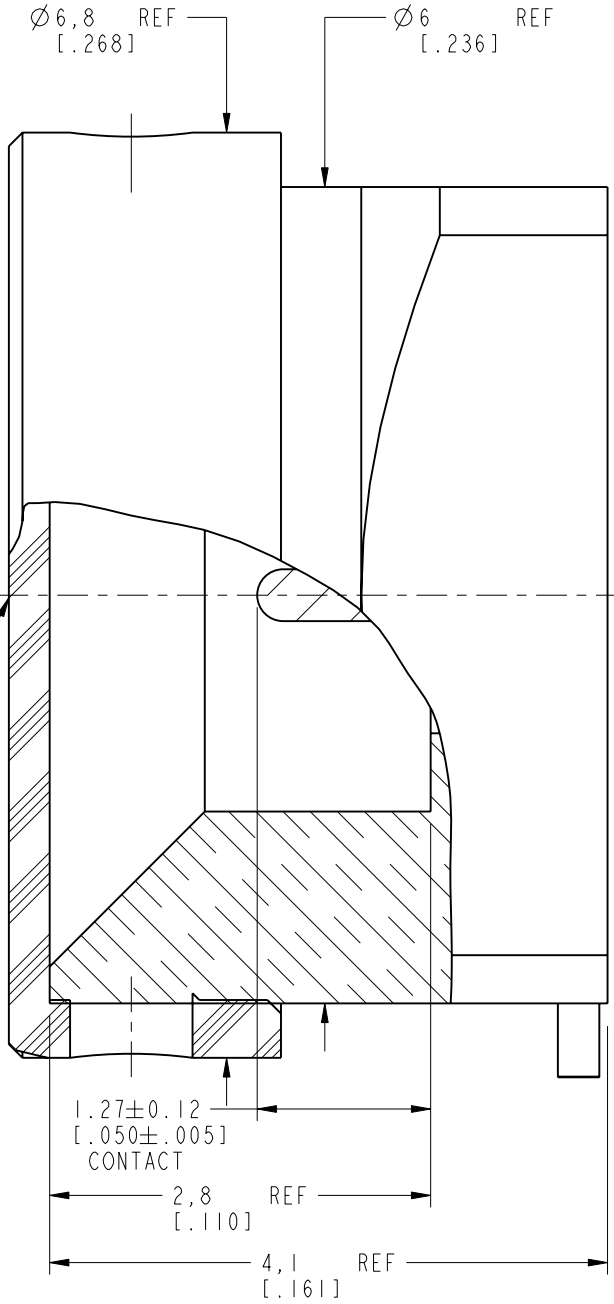
3. MECHANICAL:  
A. DURABILITY: 1000 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C  
C. ENGAGEMENT FORCE: 2 LBS (9 N) MAX.  
D. DISENGAGEMENT FORCE: 0.5 LBS (2.2 N) MIN.

4. PACKAGING:  
A. QUANTITY: TAPE & REEL PACKAGING, 1000 PCS/REEL  
B. MARKING: REEL TO BE MARKED:  
"AMPHENOL RF, SMP-MSCM-PCSIIT, AND DATE CODE"
- THIRD ANGLE PROJ.
- REV
- DESCRIPTION
- DATE
- ECO
- APPR
- A
- RELEASE TO MFG.
- 07-Jun-18
- 08221
- BMG



RECOMMENDED PCB  
LAYOUT DIMENSIONS

INTERFACE PER  
MIL-STD-348  
SERIES : SMP JACK  
SMOOTH BORE  
CATCHER'S MITT



SCALE 5.000

CUSTOMER OUTLINE DRAWING  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

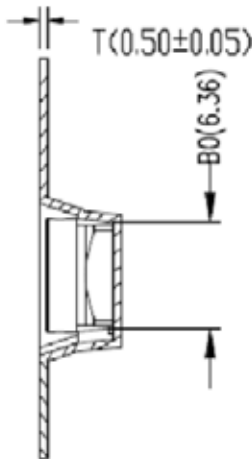
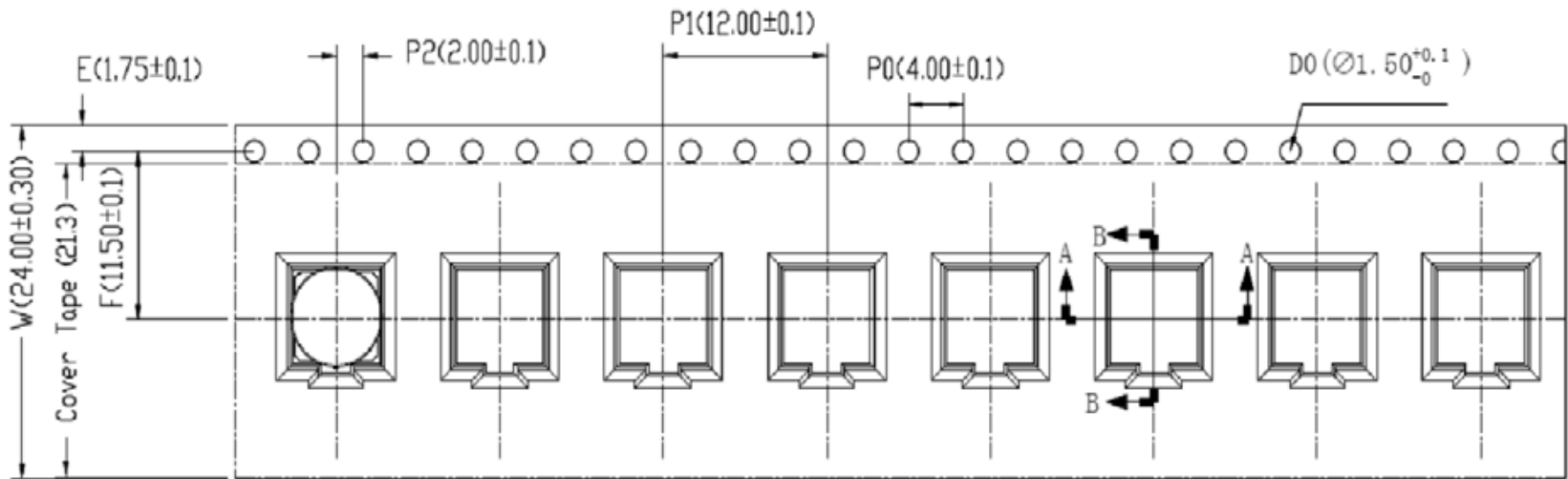
<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: &lt;0.5mm ± 0.05mm    0.5 - 6mm ± 0.1mm    6 - 30mm ± 0.2mm    30 - 120mm ± 0.3mm    ANGLES ±1°</div> <div>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be 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		Amphenol RF www.amphenolrf.com	
	SEE NOTES		STAR	12-Jun-18				
			ENGINEER	DATE				
	REFERENCE		APPROVED	DATE	SMP STR JACK SMOOTH BORE CATCHER'S MITT SURFACE MOUNT		DRAWING NO. SMP-MSCM-PCSIIT	
		EAR #8023 AND SMP-MSCM-PCS-10	S.HSIEH	12-Jun-18	SCALE: 18.0:1.0 SHEET 2 OF 3		ITEM NO. SMP-MSCM-PCSIIT	
CONFIGURATION LEVEL: In Work			CAD FILE		DWG SIZE B		REV A	
FINISH							PART NO. SMP-MSCM-PCSIIT	

THIRD ANGLE PROJ.

REVISIONS

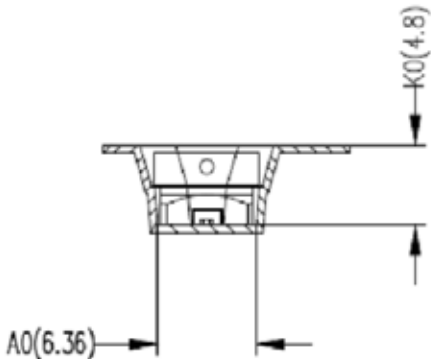
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Jun-18	08221	BMG

零件图



SECTION B-B

载带卷料方向



SECTION A-A

Notes:

1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20\text{mm}$   
(每10个链轮齿孔径累计公差为 $\pm 0.2\text{mm}$ )
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. ( $A_0$ 与 $B_0$ 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.  
( $K_0$ 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:黑色防静电聚苯乙烯。)
7. Thickness:  $0.50 \pm 0.05 \text{ mm}$ .  
(厚度:  $0.50 \pm 0.05$  毫米。)
8. Packing length per 13" reel : 12.96Meters.  
(每个13"卷轴包装长度为12.96米。)
9. Component loader per 13" reel : 1000 pcs.  
(每个13"卷轴可装1000个零件。)

注:未注公差为 $\pm 0.10$

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

ITEM	W	$A_0$	$B_0$	$K_0$	$K_1$	$P_1$	F	E	$D_0$	$D_1$	$P_0$	$P_2$	T
DIM	24±0.3	6.36±0.1	6.36±0.1	4.8±0.1		12.0±0.1	11.5±0.1	1.75±0.1	1.5±0.1		4.0±0.1	2.0±0.1	0.5±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 NOTES

DRAWN  
STAR

DATE  
12-Jun-18

ENGINEER  
SUNDE

DATE  
12-Jun-18

REFERENCE

EAR #8023 AND SMP-MSCM-PCS-10

APPROVED  
S.HSIEH

DATE  
12-Jun-18

CONFIGURATION LEVEL: In Work

CAD FILE

FINISH

TITLE

SMP STR JACK SMOOTH  
BORE CATCHER'S MITT  
SURFACE MOUNT

SCALE: 19.0:1.0 SHEET 3 OF 3

DWG SIZE

B

REV

A

Amphenol RF

www.amphenolrf.com

DRAWING NO. SMP-MSCM-PCS11T

ITEM NO. SMP-MSCM-PCS11T

PART NO. SMP-MSCM-PCS11T

# Mouser Electronics

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