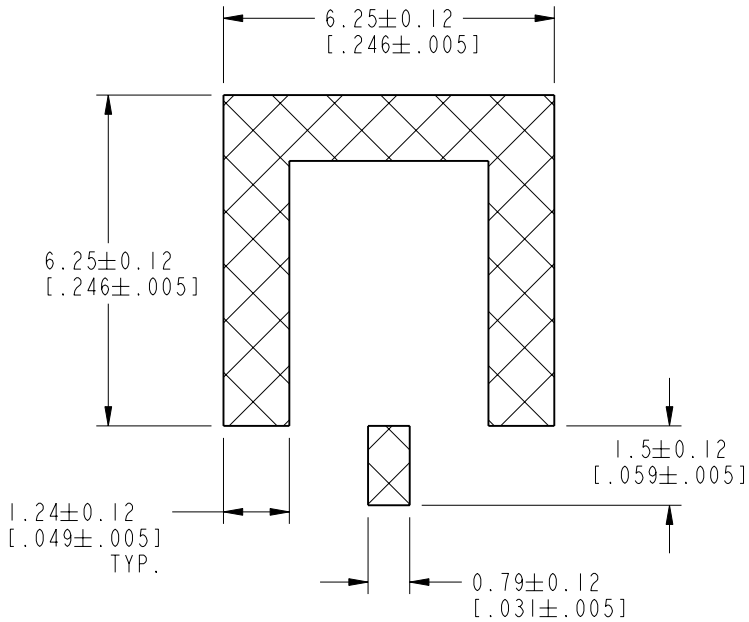


NOTES:

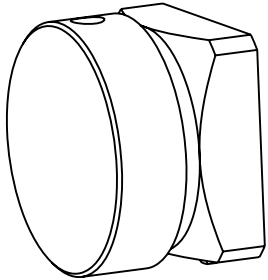
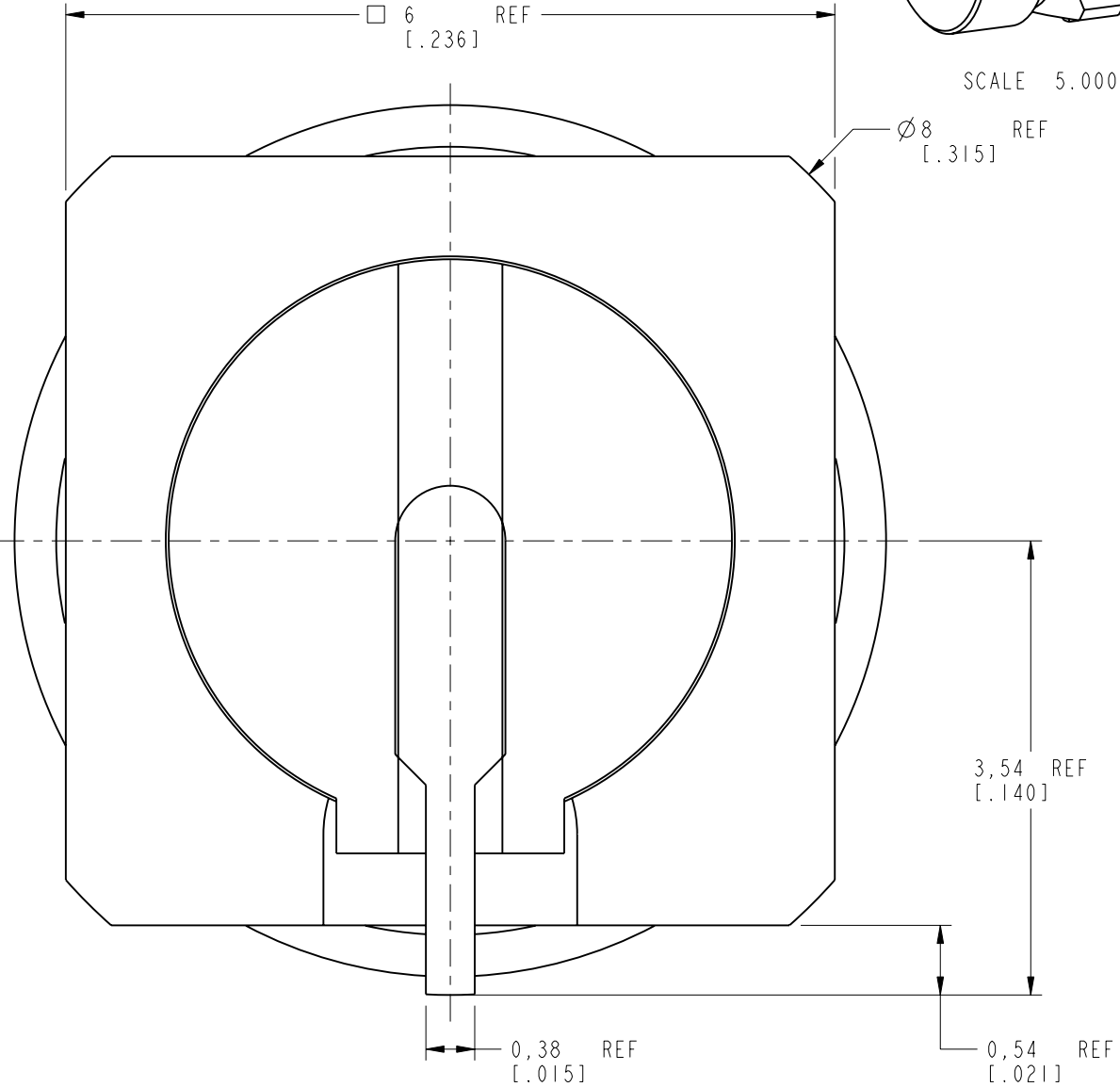
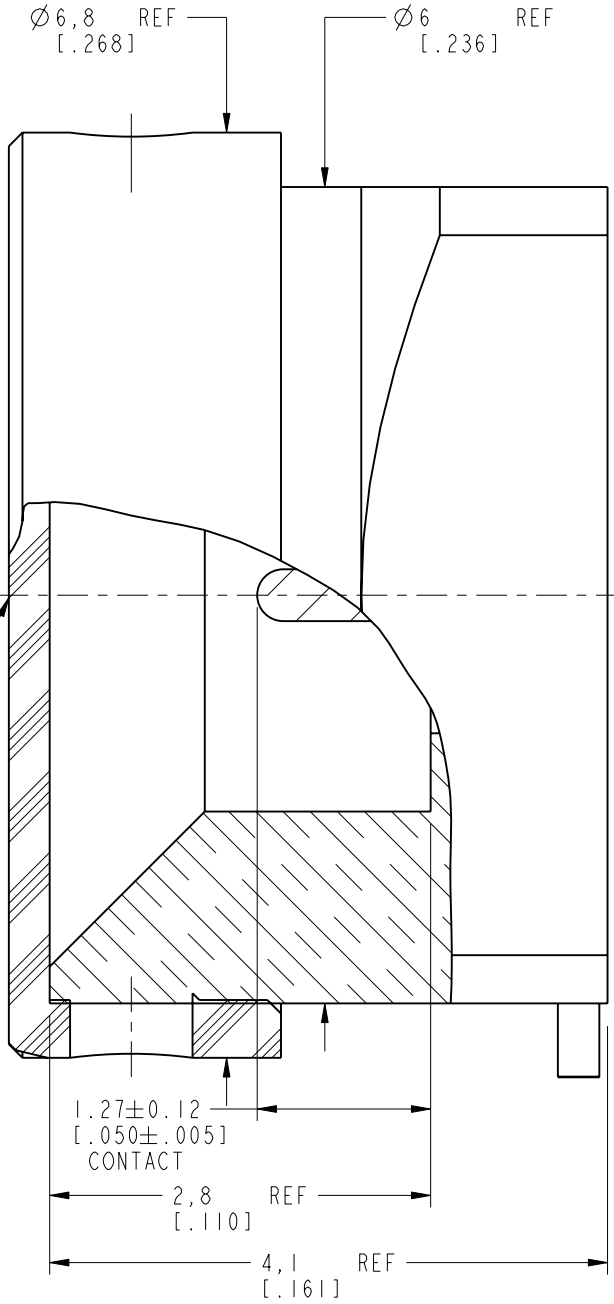
1. MATERIALS AND FINISHES:
BODY & CONTACT - BRASS, GOLD PLATING
INSULATOR - LCP EI30i
CAP - PTFE, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 18 GHz
C. VSWR (RETURN LOSS): 1.10 MAX. (-26.4 dB MIN.) @ DC-6 GHz
1.15 MAX. (-23.1 dB MIN.) @ 6-10 GHz
1.30 MAX. (-17.7 dB MIN.) @ 10-18 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"



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

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

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: 18.0:1.0

SHEET 2 OF 3

DWG SIZE

B

REV

A

Amphenol RF

www.amphenolrf.com

DRAWING NO. SMP-MSCM-PCSIIT

ITEM NO. SMP-MSCM-PCSIIT

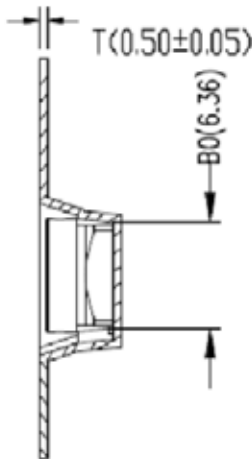
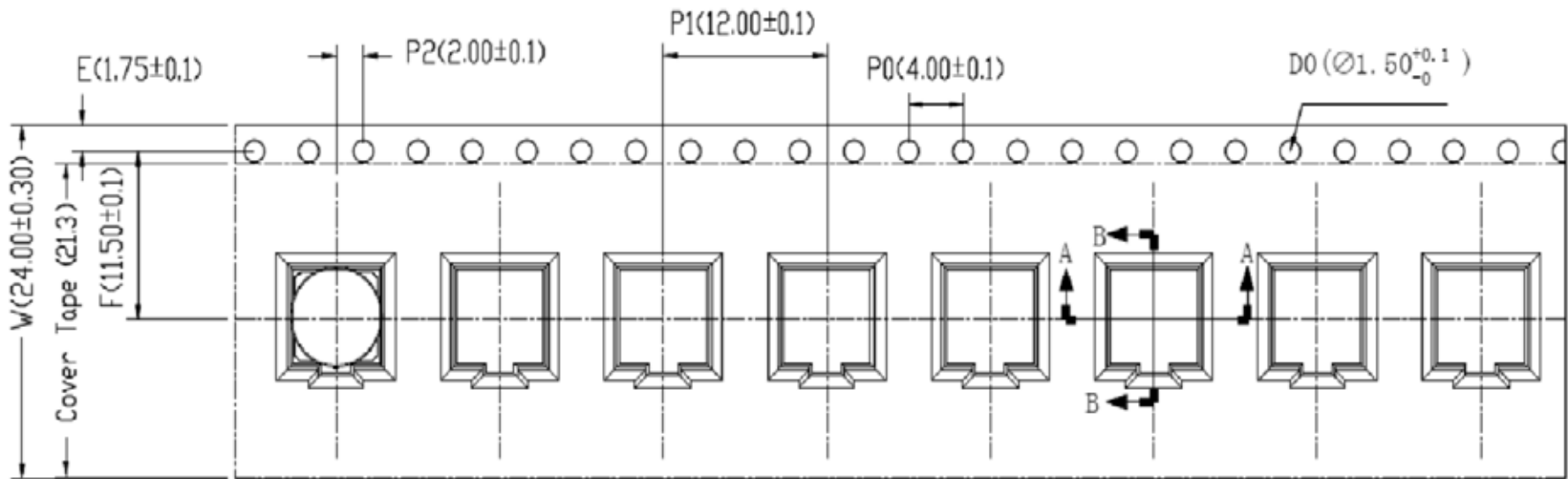
PART NO. SMP-MSCM-PCSIIT

THIRD ANGLE PROJ.

REVISIONS

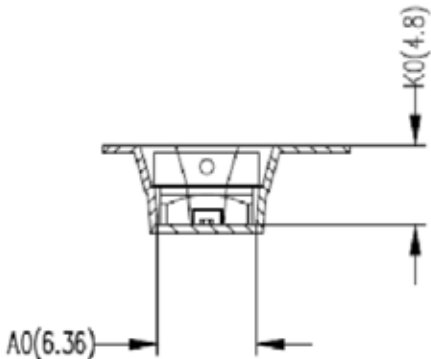
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	07-Jun-18	08221	BMG

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 ± 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 ± 0.10

NOTE: ALL TOLERANCES ARE: ± 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

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<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