

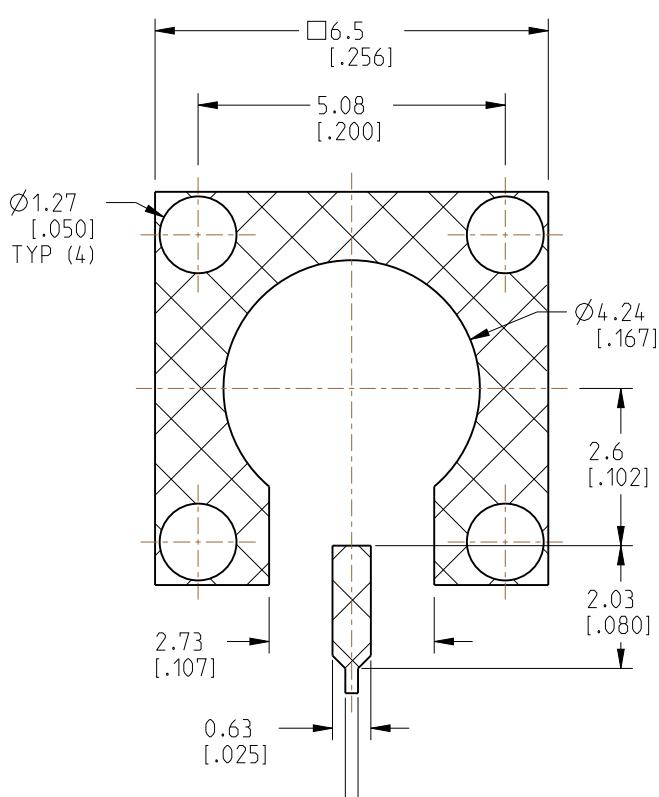
NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, GOLD PLATING
 CONTACT - BRASS, GOLD PLATING
 INSULATOR - LCP E130i, NATURAL

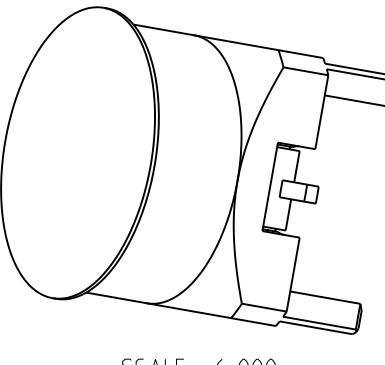
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC-20 GHz
 C. VSWR (RETURN LOSS): 1.10 (-26.4 dB MIN.) MAX. @ DC-8 GHz
 1.22 (-20 dB MIN.) MAX. @ 8-20 GHz
 CONNECTOR ONLY, PERFORMANCE WILL VARY BASED ON BOARD LAYOUT.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -40°C TO +85°C

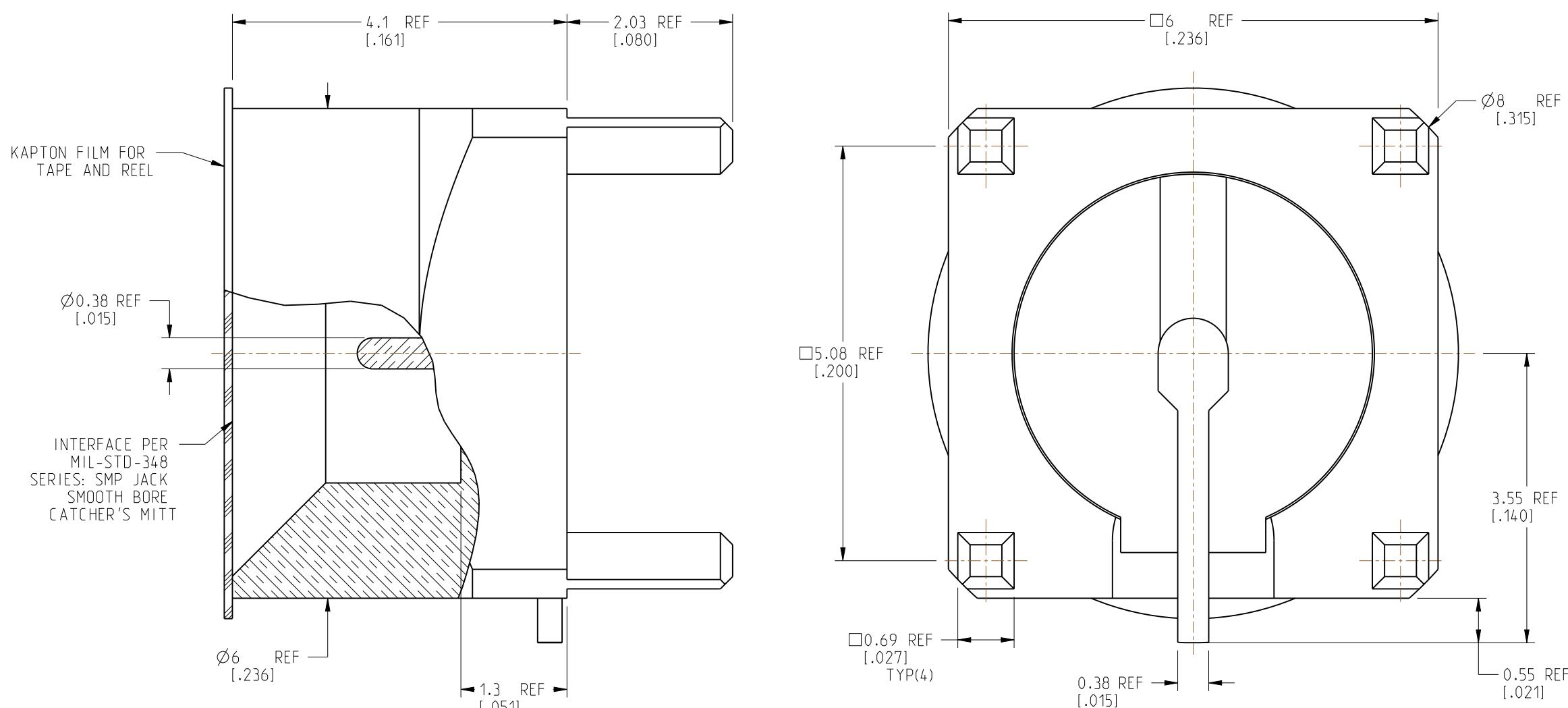
4. PACKAGING:
 A. QUANTITY: TAPE & REEL PACKAGING, 800 PCS/REEL
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, SMP-MSCM-PCT10T, AND DATE CODE"



RECOMMENDED PCB LAYOUT



SCALE 6.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.



REFERENCE

SMP-MSCM-PCS-10

EAR#

9644

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:
 <0.5mm = ±0.05mm [$<0.020 = \pm 0.002$]
 >0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]

ANGLES = ±1°

MATERIAL
NOTE 1

TITLE
SMP SMOOTH BORE JACK
THROUGH HOLE
CATCHER'S MITT

ENGINEER
E. HILLDATE
02-APR-20SHEET NO. 2 OF 3
SCALE: 16.0:1.0

Amphenol RF

DRAWING NO. SMP-MSCM-PCT10T

REV A

ITEM NO. SMP-MSCM-PCT10T

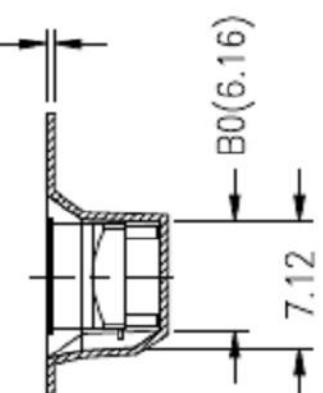
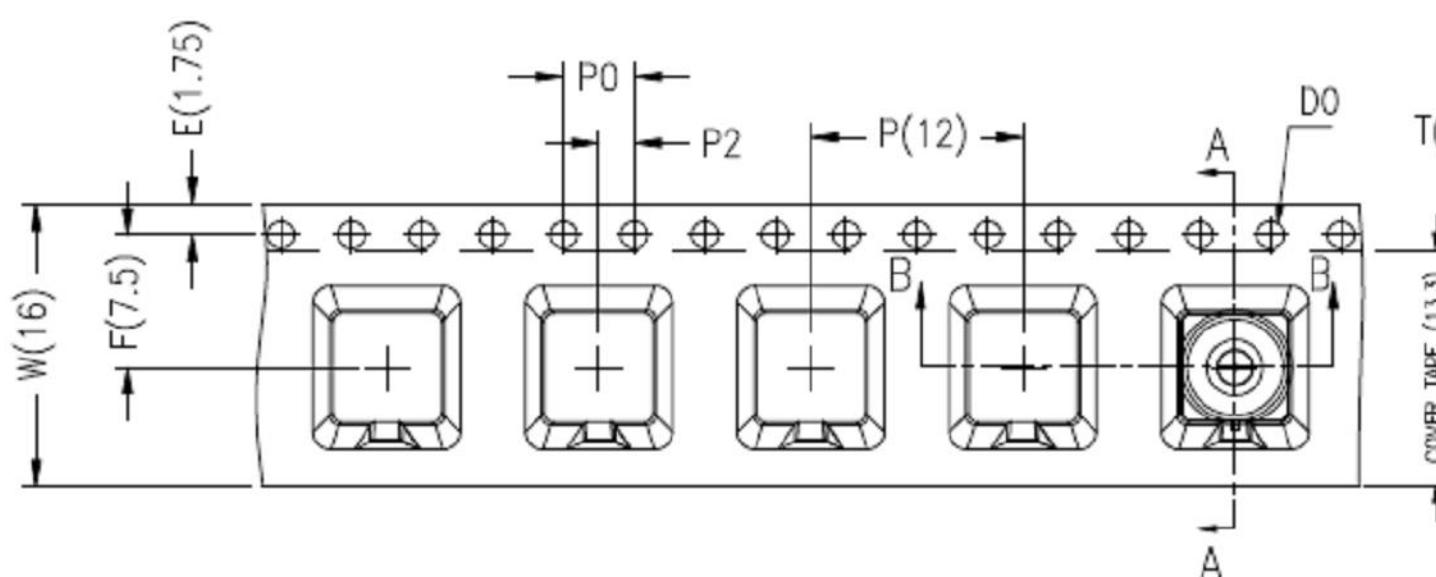
REV B

PART NO. SMP-MSCM-PCT10T

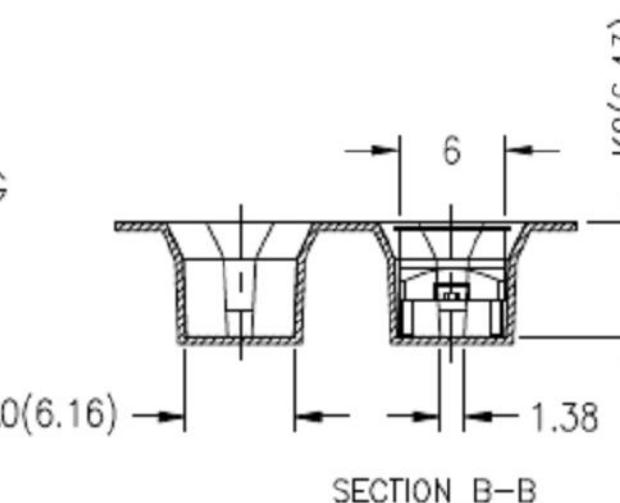
REV C

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	29-JUN-20	15254	EH



SECTION A-A



SECTION B-B

1. 10 sprocket hole 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: Black PS (RoHS Compliant)
7. Thickness: 0.40 ± 0.05 mm.
8. Packing length per 13" reel: 10.5 Meters.
9. Component loader per 13" reel: 800 PCS.

技术要求:

在没有保护膜的情况下, 0-90度往返折弯3次, 卷带不会破裂; 冷封带0.3~1.3N;
厚度及防静电要求需满足要求, 防静电性能使用寿命至少大于半年。载带侧壁支撑力2kgf以上。

ITEM	W	A ₀	B ₀	K ₀	K ₁	P	F	E	D ₀	D ₁	P ₀	P ₂	T
DIM	16 \pm 0.3	6.16 \pm 0.1	6.16 \pm 0.1	6.43 \pm 0.1		12 \pm 0.1	7.5 \pm 0.1	1.75 \pm 0.1	1.5 $^{+0.1}_{-0.00}$		4.0 \pm 0.1	2.0 \pm 0.1	0.40 \pm 0.05

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>30.00 - 120mm = ± 0.3 mm [>1.181 - 4.725 = ± 0.012]
ANGLES = $\pm 1^\circ$

MATERIAL
ENGINEER
E. HILL
DATE
02-APR-20

TITLE
SMP SMOOTH BORE JACK
THROUGH HOLE
CATCHER'S MITT
SHEET NO. 3 OF 3
SCALE: 16.0:1.0

Amphenol RF

SIZE	DRAWING NO.	ITEM NO.	PART NO.	REV
				A
B	SMP-MSCM-PCT10T	SMP-MSCM-PCT10T	SMP-MSCM-PCT10T	