

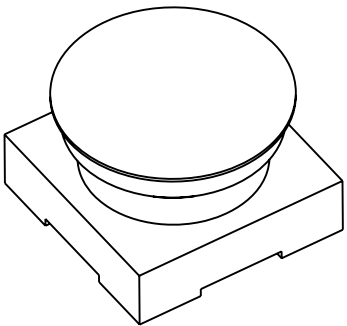
NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING
CONTACT - BERYLLIUM COPPER, GOLD PLATING
INSULATOR - PEEK, NATURAL
KAPTON FILM - POLYIMIDE, AMBER
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 10 GHz
C. VSWR: 1.25 MAX @ DC - 6 GHz
1.50 MAX @ 6 - 10 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
A. DURABILITY: 500 CYCLES MIN.
B. ENGAGEMENT FORCE: 10.0 LBS MAX
C. DISENGAGEMENT FORCE: 2.0 LBS MIN
D. TEMPERATURE RANGE: -65° C TO +165° C
4. PACKAGING:
A. TAPE AND REEL PACKAGING, QTY 1200 PCS, SEE SHEET 3.
B. MARK PACKAGING: AMPHENOL RF, SMP-MSLD-PCS-16, DATE CODE QTY 1200

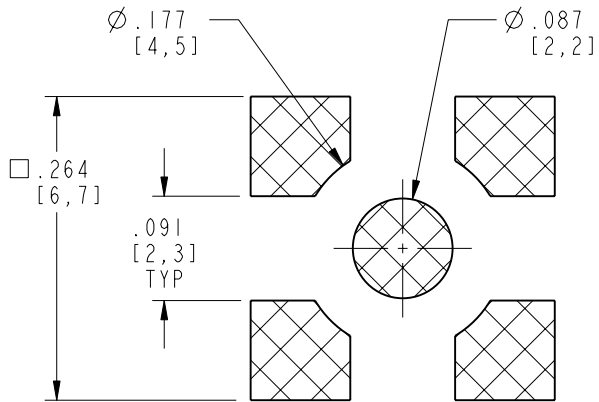
THIRD ANGLE PROJ.

REVISIONS

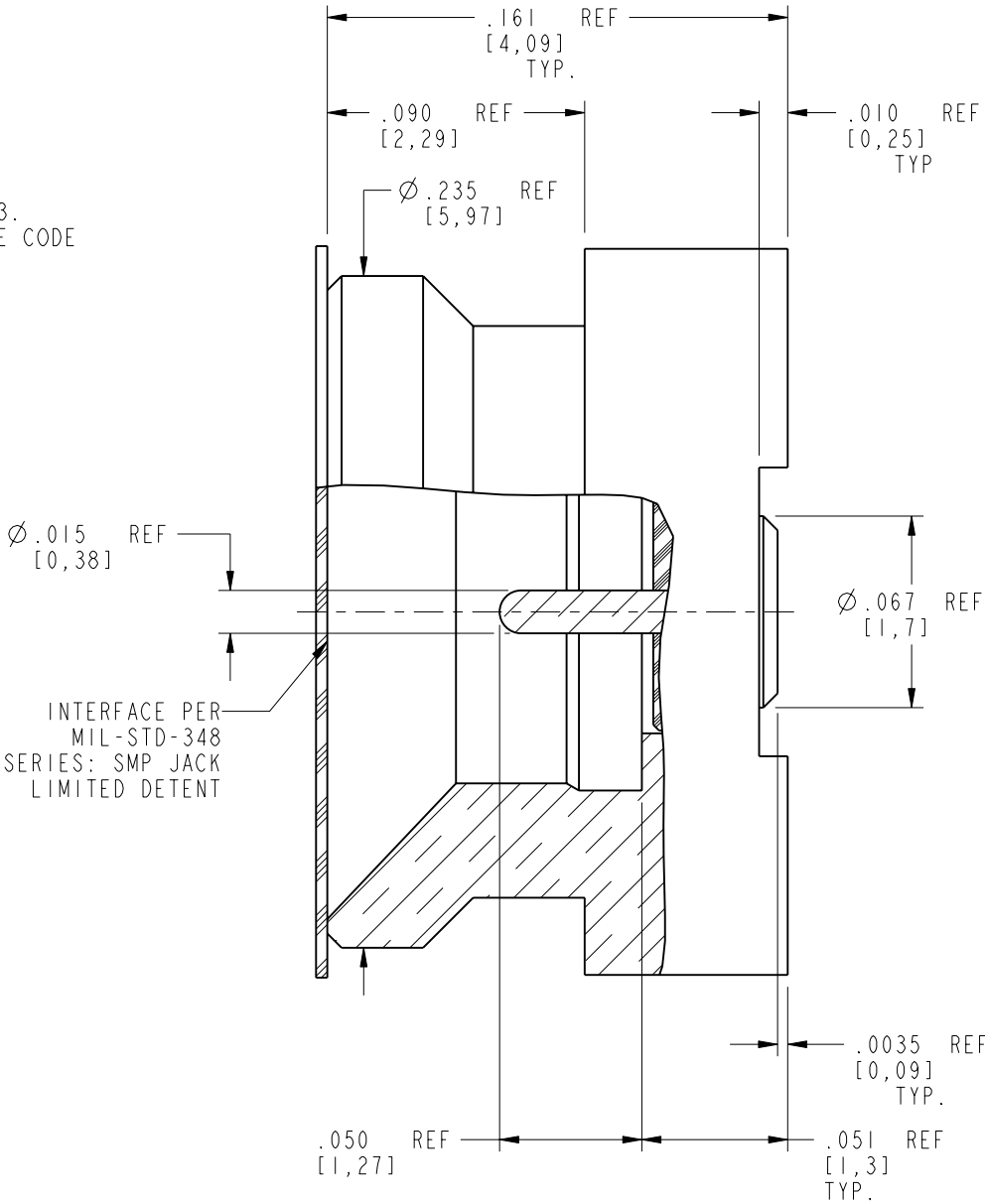
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Dec-17	06042	BMG
B	UPDATED FREQUENCY AND VSWR	25-AUG-20	15302	EH



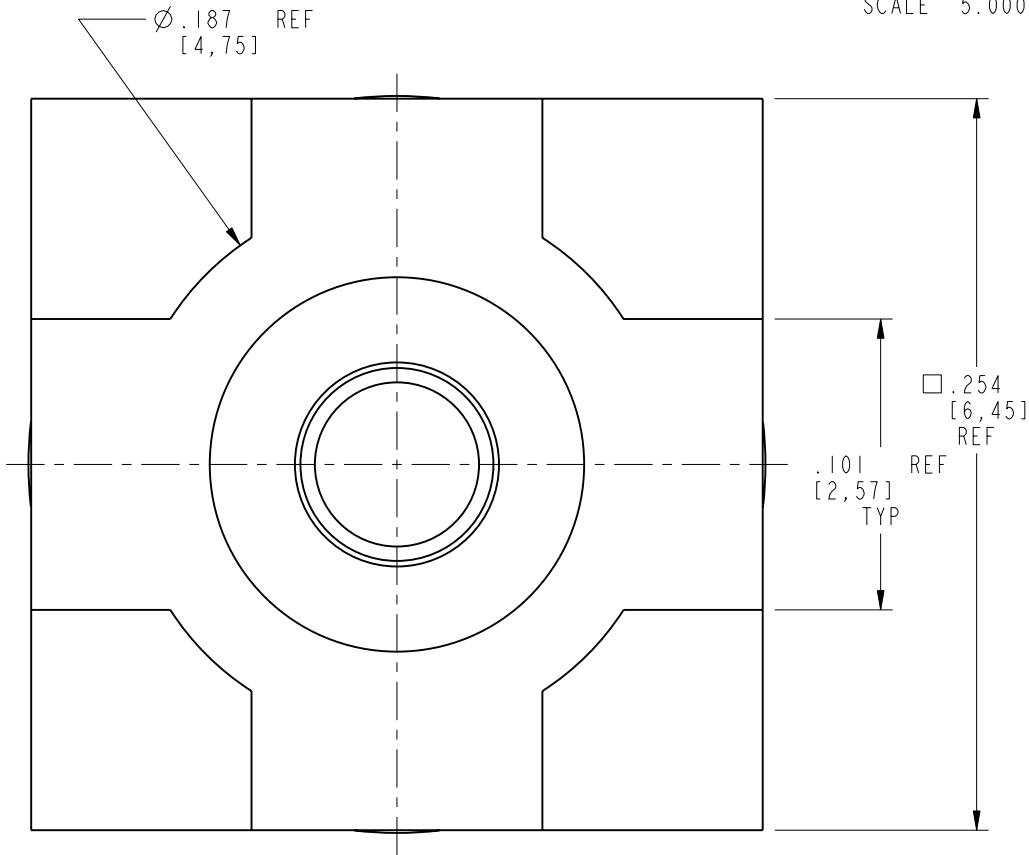
SCALE 5.000



RECOMMENDED
PCB LAYOUT



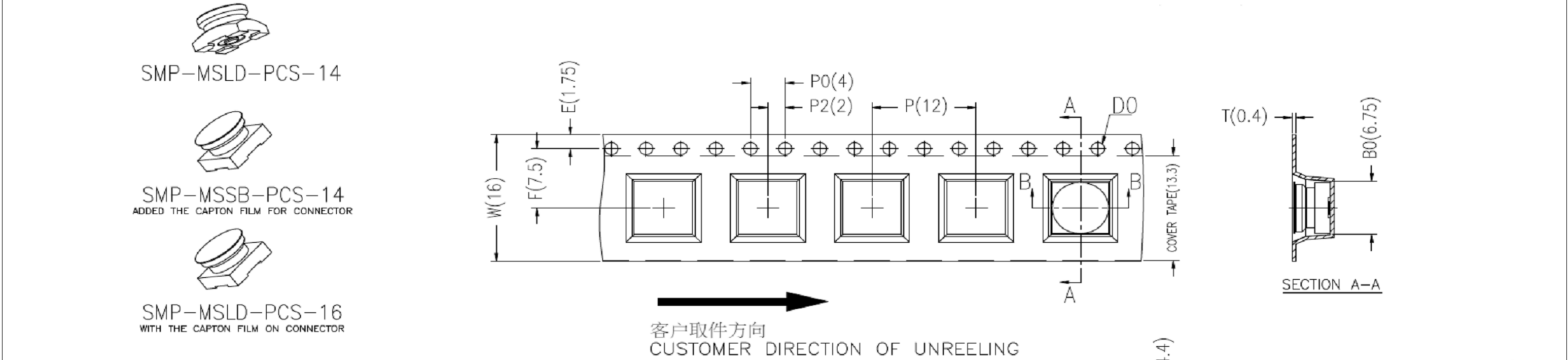
INTERFACE PER
MIL-STD-348
SERIES: SMP JACK
LIMITED DETENT



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°	MATERIAL -	DRAWN WIKI	DATE 27-Aug-20	TITLE SMP JACK LIMITED DETENT CATCHER'S MITT SURFACE MOUNT		Amphenol RF www.amphenolrf.com	
		ENGINEER SUNDE	DATE 05-Dec-17				
		APPROVED S.HSIEH	DATE 27-Aug-20				
		REFERENCE ---- AND CONFIGURATION LEVEL: In Work	CAD FILE	SCALE: 15.0:1.0 SHEET 2 OF 3		DRAWING NO. SMP-MSLD-PCS-16	
		FINISH		DWG SIZE B		REV B	ITEM NO. SMP-MSLD-PCS-16 PART NO. SMP-MSLD-PCS-16

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.



- NOTES:
- 10 sprocket holes pitch cumulative tolerance ± 0.20 mm.
 - Carrier camber not to exceed 1 mm in 250 mm.
 - A0 and B0 measured on a plane 0.3 mm above the bottom of the pocket.
 - K0 measured from a plane on the inside bottom of the pocket to the top surface of the carrier.
 - All dimensions meet EIA-481-D requirements.
 - Material: Black PS (RoHS Compliant)
 - Thickness: 0.40 ± 0.05 mm.
 - Packing length per 13" reel: 15.3 Meters.
 - Component loader per 13" reel: 1200 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	16±0.3	6.75±0.1	6.75±0.1	4.4±0.1		12±0.1	7.5±0.1	1.75±0.1	1.5±0.1		4.0±0.1	2.0±0.1	0.40±0.05

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	REFERENCE ----- AND	ENGINEER SUNDE	DATE 05-Dec-17				
	CONFIGURATION LEVEL: In Work	APPROVED S.HSIEH	DATE 27-Aug-20	SCALE: 15.0:1.0 SHEET 3 OF 3		DRAWING NO. SMP-MSLD-PCS-16	
	FINISH	CAD FILE		DWG SIZE B		REV B	PART NO. SMP-MSLD-PCS-16