NOTES:

1. MATERIALS AND FINISHES:
   BODY - BRASS, GOLD PLATING
   CONTACT - BERYLLIUM COPPER, GOLD PLATING
   INSULATOR - PEEK, NATURAL
   KAPTON FILM - POLYMIDE, AMBER

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 6 GHz
   C. VSWR: 1.25 MAX
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

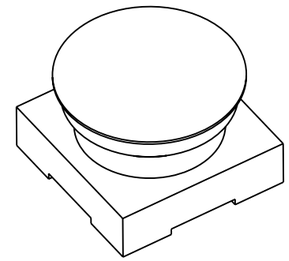
3. PHYSICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. ENGAGEMENT FORCE: 10.0 LBS MAX
   C. DISENGAGEMENT FORCE: 2.0 LBS MIN
   D. TEMPERATURE RANGE: -65° C TO +165° C

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

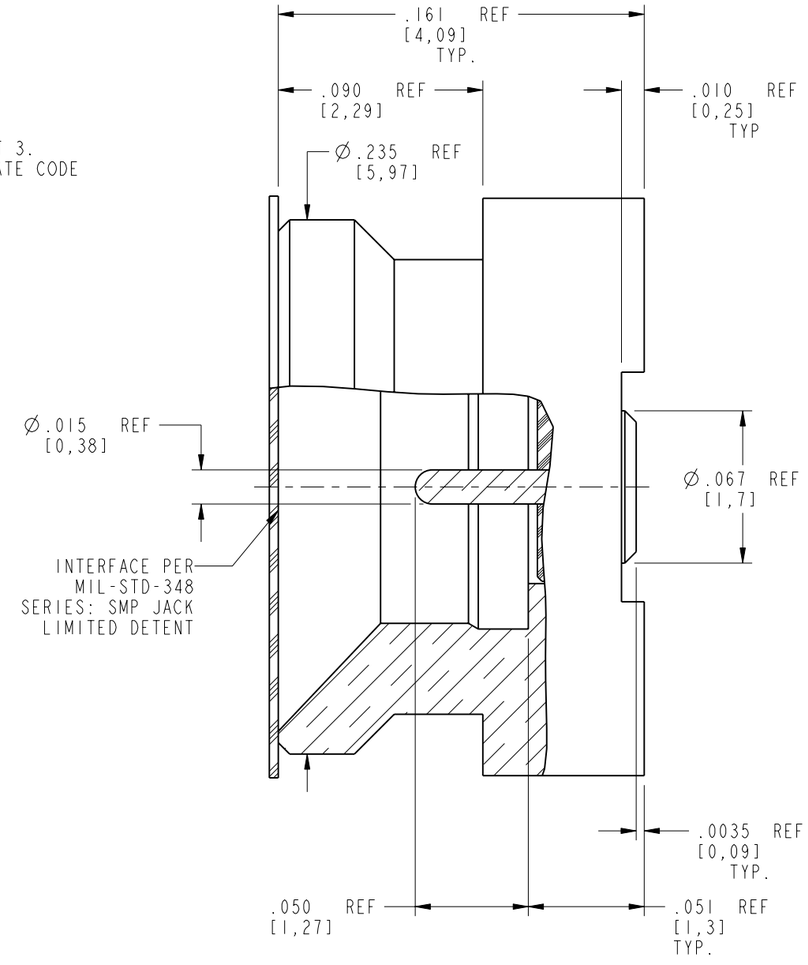
THIRD ANGLE PROJ.

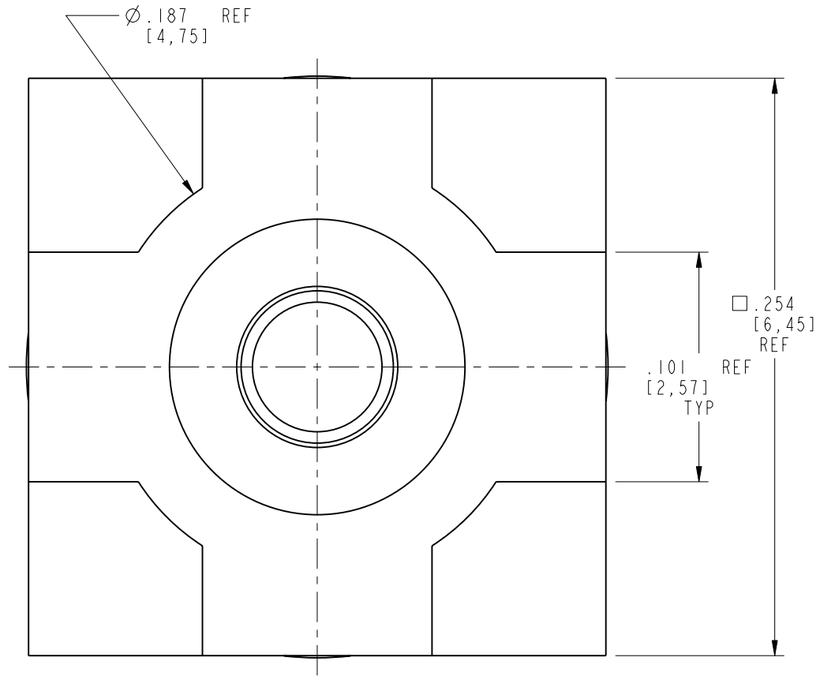
REVISIONS

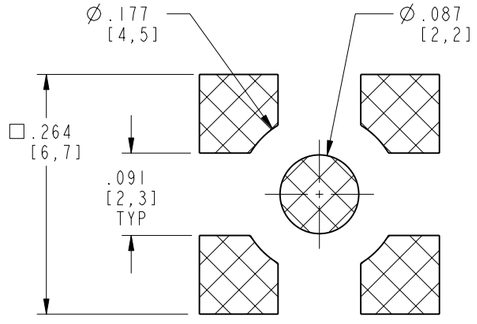
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Dec-17	06042	BMG



SCALE 5.000







RECOMMENDED PCB LAYOUT

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°

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MATERIAL
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REFERENCE
---- AND

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	STAR	DATE 05-Dec-17
ENGINEER	SUNDE	DATE 05-Dec-17
APPROVED	S.HSIEH	DATE 05-Dec-17
CAD FILE		

TITLE
SMP JACK
LIMITED DETENT
CATCHER'S MITT
SURFACE MOUNT

SCALE: 15.0:1.0 | SHEET 2 OF 3

DWG SIZE B | REV A

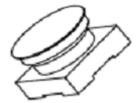
Amphenol RF
www.amphenolrf.com

DRAWING NO. SMP-MSLD-PCS-16
ITEM NO. SMP-MSLD-PCS-16
PART NO. SMP-MSLD-PCS-16

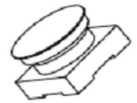
THIRD ANGLE PROJ.	REVISIONS			
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Dec-17	06042	BMG



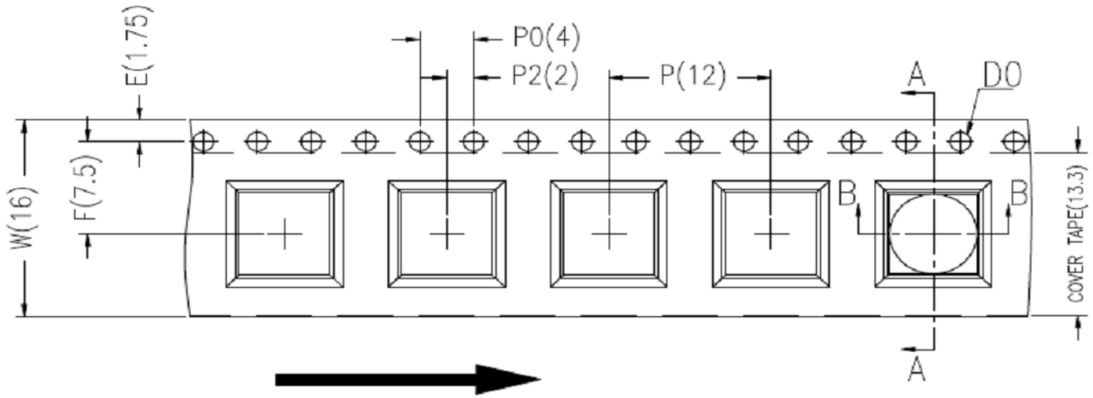
SMP-MSLD-PCS-14

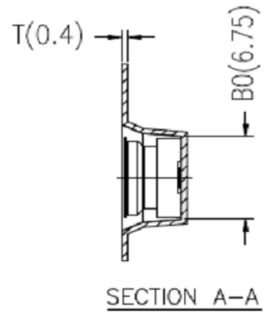


SMP-MSSB-PCS-14
ADDED THE CAPTON FILM FOR CONNECTOR

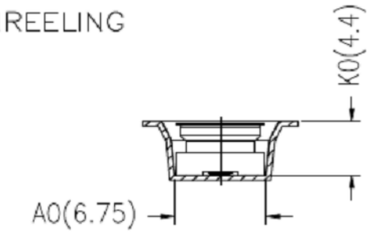


SMP-MSLD-PCS-16
WITH THE CAPTON FILM ON CONNECTOR





SECTION A-A



SECTION B-B

NOTES:
1. 10 sprocket holes 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: 15.3 Meters.
9. 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	$1.5^{+0.1}_{0.00}$		4.0±0.1	2.0±0.1	0.40±0.05

CUSTOMER OUTLINE DRAWING

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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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LIMITED DETENT
CATCHER'S MITT
SURFACE MOUNT

SCALE: 15.0:1.0 | SHEET 3 OF 3

DWG SIZE B | REV A

Amphenol RF
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DRAWING NO. SMP-MSLD-PCS-16
ITEM NO. SMP-MSLD-PCS-16
PART NO. SMP-MSLD-PCS-16

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