

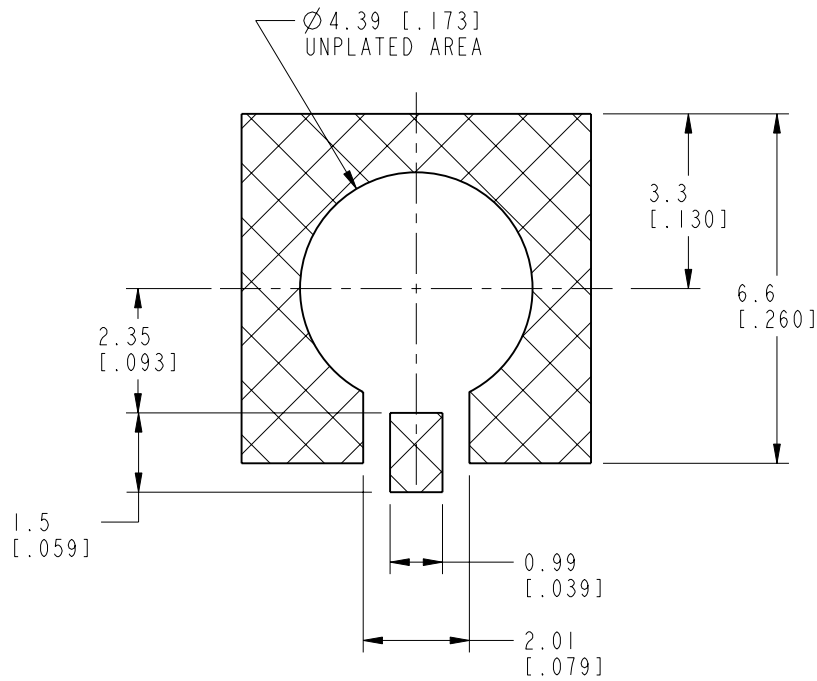
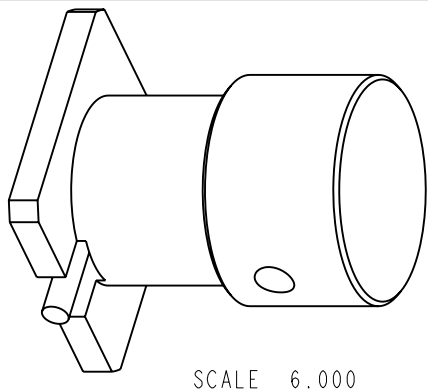
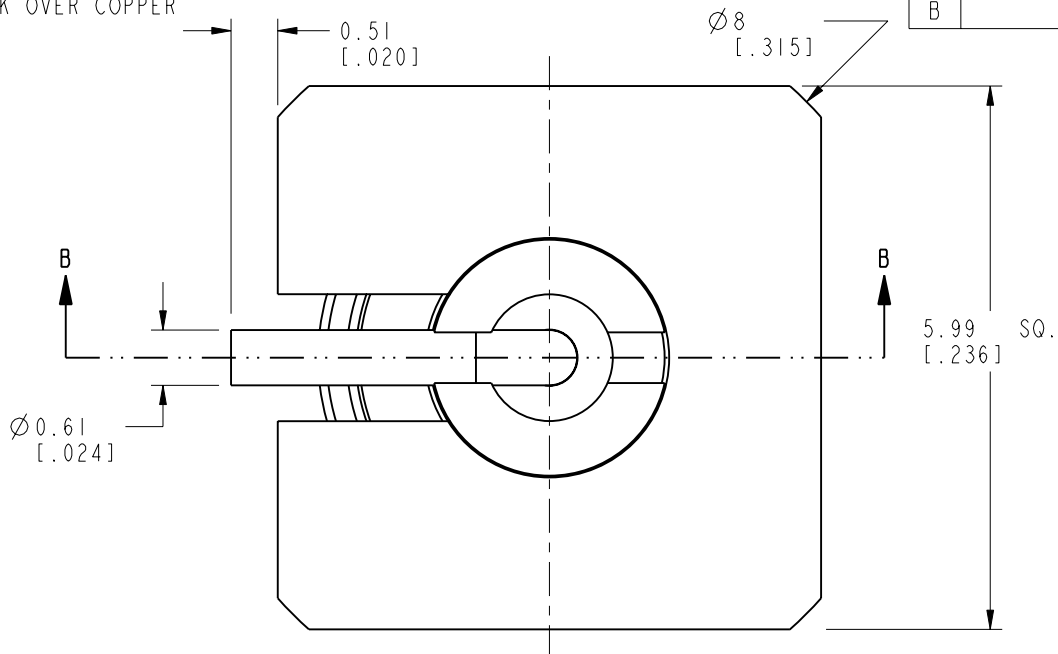
NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING, .000030 INCH [0.0008 MM] THICK OVER COPPER
CONTACT - BERYLLIUM COPPER, GOLD PLATING, .000030 INCH [0.0008 MM] THICK OVER COPPER
INSULATOR - PEEK OR LCP, NATURAL
CAP - PTFE, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 12 GHz
C. VSWR(RETURN LOSS): 1.10 (26 dB), MAX. DC-6GHz
1.20 (21 dB), MAX. 6-12GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
A. DURABILTIY: 500 CYCLES MIN.
B. ENGAGEMENT FORCE: 10 LB [45 N] MAX
C. DISENGAGEMENT FORCE: 2 LB [9 N] MIN
D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN
E. TEMERATURE RANGE: -65° C TO 165° C
F. INSULATOR MATERIAL RATED TO UL94 V-0
4. PACKAGING:
A. QUANTITY: TAPE & REEL PACKAGING, 700 PCS/REEL
B. MARKING: REEL TO BE MARKED
"AMPHENOL RF, SMP-MSLD-PCR-T, DATE CODE"

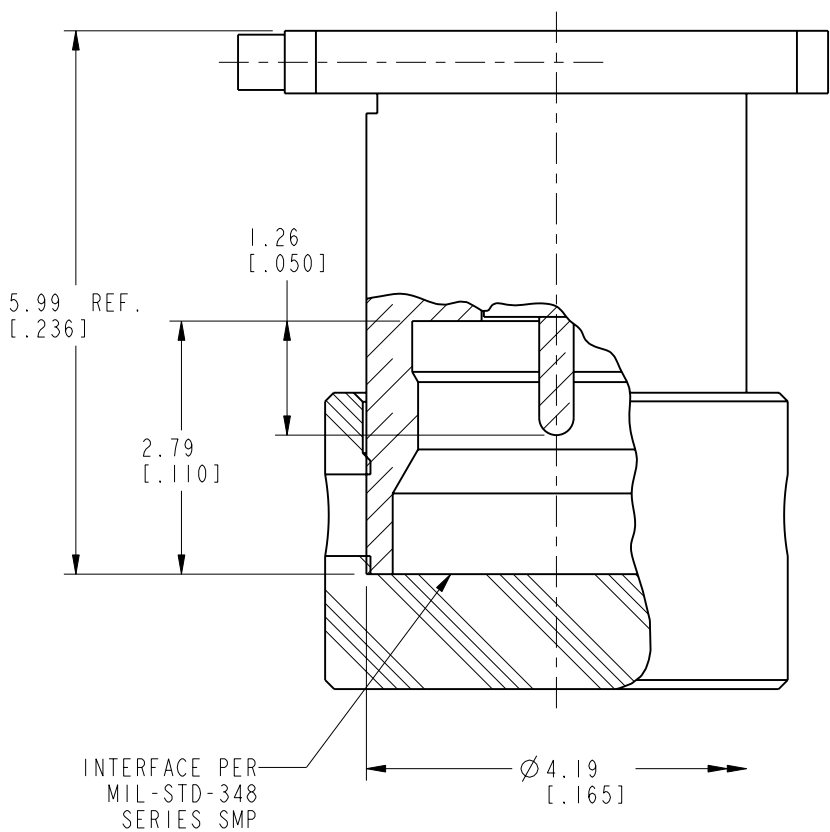
THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	04-Jan-18	06301	MZ
B	"Ø 4.19" WAS "Ø 4.14"	30-Jan-18	06681	SH



RECOMMENDED PCB PAD LAYOUT
SCALE 7.000



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°

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MATERIAL

REFERENCE
EAR# 8117
SAME AS SMP-MSLD-PCR
BUT WITH THE CAP
CONFIGURATION LEVEL:
FINISH

DRAWN
M. ZHANG

ENGINEER
S. DUAN

APPROVED
S. HSIEH
CAD FILE

DATE
30-Jan-18

DATE
11-Dec-17

DATE
30-Jan-18

TITLE
ASSEMBLY, PC BOARD,
REAR MOUNT LIMITED
DETENT (TAPE & REEL)

SCALE: 12.0:1.0 SHEET 2 OF 3

DWG SIZE
B

REV
B

Amphenol RF

www.amphenolrf.com

DRAWING NO. SMP-MSLD-PCR-T

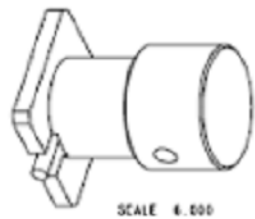
ITEM NO. SMP-MSLD-PCR-T

PART NO. SMP-MSLD-PCR-T

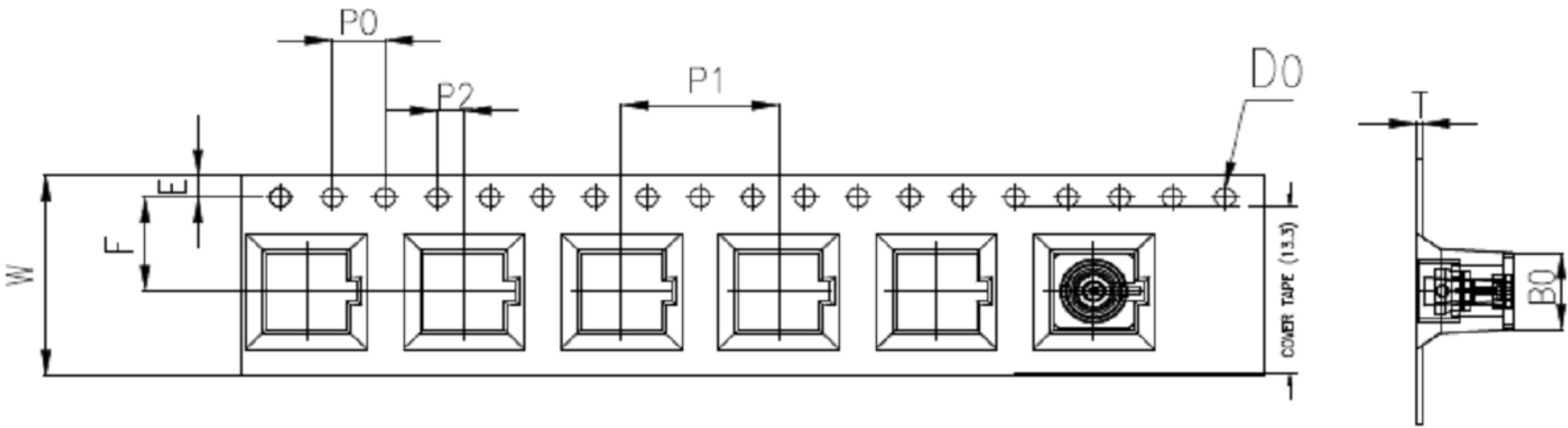
THIRD ANGLE PROJ.

REVISIONS

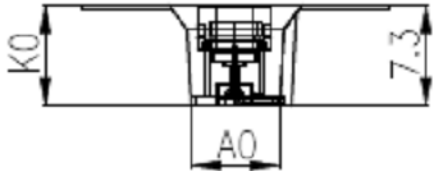
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	04-Jan-18	06301	MZ
B	SEE SHEET 2	30-Jan-18	06681	SH



SMP-MSLD-PCR-T



载带卷料方向
Tape running direction



- 1. 10 sprocket hole pitch cumulative tolerance $\pm 0.20\text{mm}$
- 2. Carrier camber not to exceed 1mm in 250mm.
- 3. A_0 and B_0 measured on a plane 0.3mm above the bottom of the pocket.
- 4. K_0 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 Conductive Polystyrene.
- 7. Thickness: $0.40 \pm 0.05 \text{ mm}$.
- 8. Packing length per 13" reel: 9.12Meters.
- 9. Component loader per 13" reel: 700PCS.

注:未注公差为 ± 0.10

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 ± 0.3	6.14 ± 0.1	6.14 ± 0.1	7.30 ± 0.1		12.0 ± 0.1	7.5 ± 0.1	1.75 ± 0.1	$1.50^{+0.10}_{-0.00}$		4.00 ± 0.1	2.00 ± 0.1	0.4 ± 0.05

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
 $\pm 0.05\text{mm}$ $\pm 0.1\text{mm}$ $\pm 0.2\text{mm}$ $\pm 0.3\text{mm}$ $\pm 1^\circ$

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MATERIAL -	DRAWN M. ZHANG	DATE 30-Jan-18	TITLE ASSEMBLY, PC BOARD, REAR MOUNT LIMITED DETENT (TAPE & REEL)	Amphenol RF www.amphenolrf.com
	ENGINEER S. DUAN	DATE 11-Dec-17		
	APPROVED S. HSIEH	DATE 30-Jan-18		
	CAD FILE			
REFERENCE EAR# 8117 SAME AS SMP-MSLD-PCR BUT WITH THE CAP			SCALE: 12.0:1.0 SHEET 3 OF 3	DRAWING NO. SMP-MSLD-PCR-T
CONFIGURATION LEVEL:			DWG SIZE B	ITEM NO. SMP-MSLD-PCR-T
FINISH			REV B	PART NO. SMP-MSLD-PCR-T

Mouser Electronics

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