NOTES:

1. MATERIALS AND FINISHES:
   BODY - BRASS, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR - PTFE

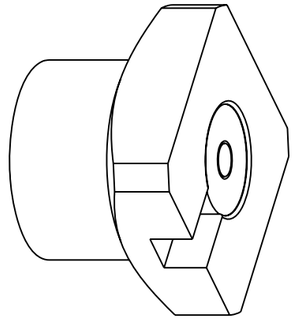
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 26.5 GHz
   C. VSWR(RETURN LOSS): 1.10 (26.4 dB), MAX. DC - 6 GHz
      1.15 (23.1 dB), MAX. 6 - 10 GHz
      1.30 (17.7 dB), MAX. 10 - 18 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 335 VRMS, MIN.

3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. ENGAGEMENT FORCE: 10 LBS [45 N] MAX.
   C. DISENGAGEMENT FORCE: 2 LBS [9 N] MIN.
   D. INNER CONTACT RETENTION FORCE: 1.5 LB [7 N] MIN.
   E. TEMPERATURE RANGE: -65° C TO 165° C

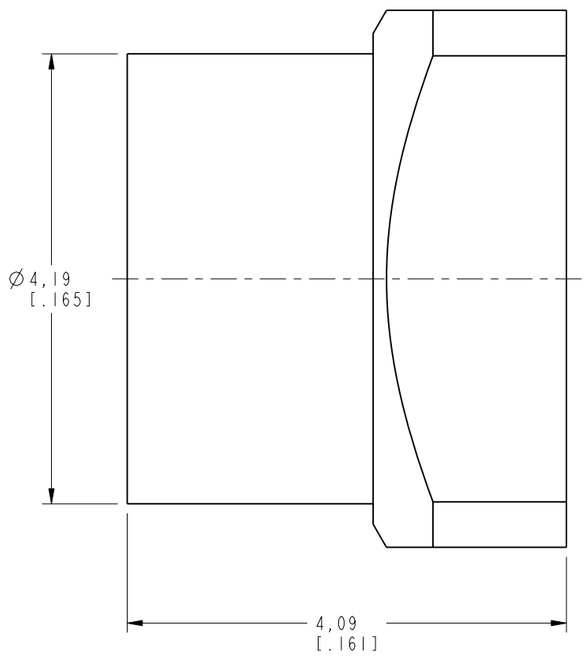
4. PACKAGING:
   A. QUANTITY: TAPE & REEL PACKAGING, 1000 PCS/REEL
   B. MARKING: REEL TO BE MARKED:
      "AMPHENOL, SMP-MSLD-PCS18T, DATE CODE"

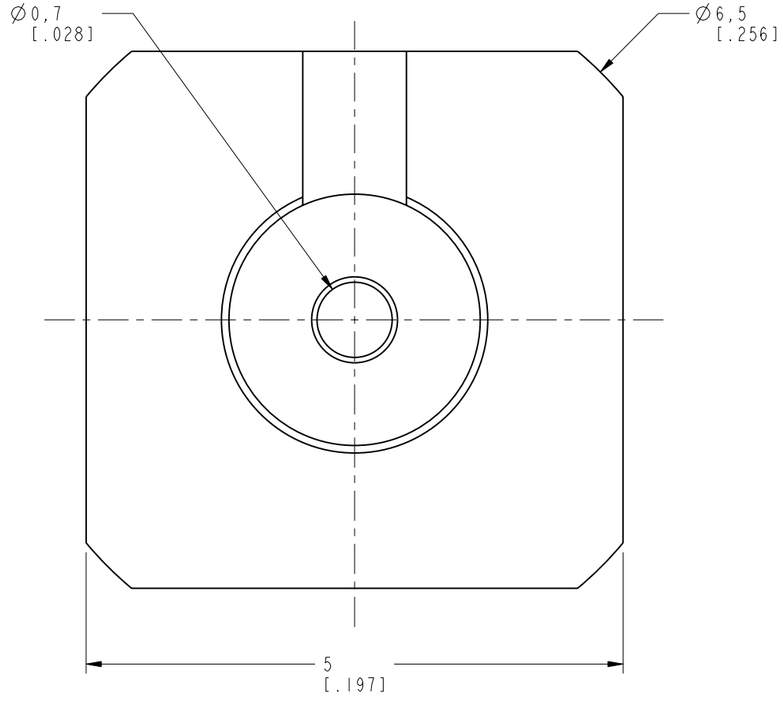
THIRD ANGLE PROJ.

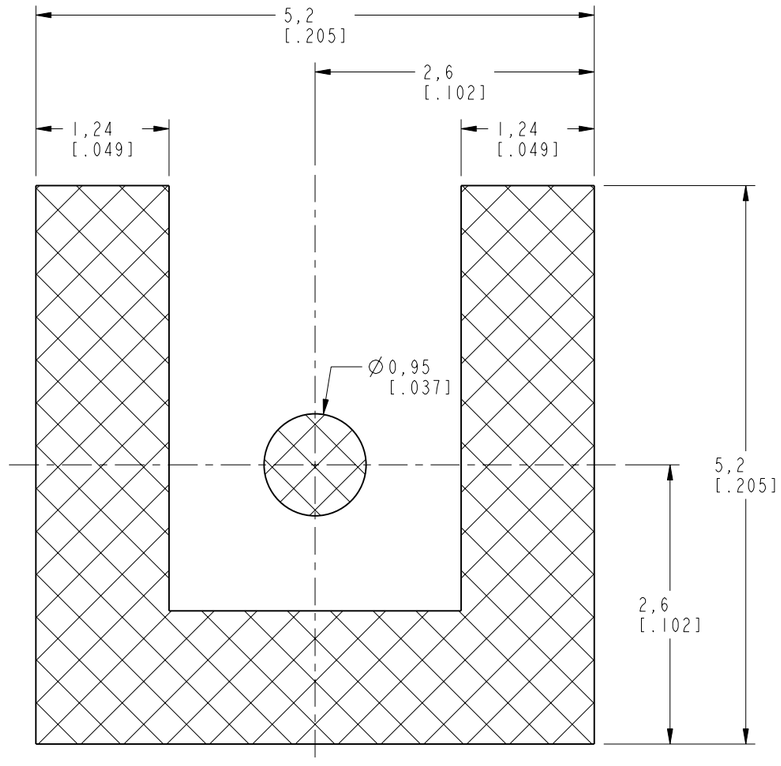
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	29-Jul-19	12481	SV



SCALE 8.000







RECOMMENDED PCB PAD 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	SEE NOTES
REFERENCE	
EAR# 8532	
REF: SMP125IDI-001-30GP30G-50	
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	S.DUAN	DATE 6-Aug-19
ENGINEER	S.DUAN	DATE 6-Aug-19
APPROVED	S.HSIEH	DATE 12-Aug-19
CAD FILE		

TITLE
SMP JACK
PCB SMT RECEPTACLE
LIMITED DETENT

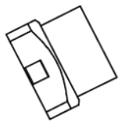
SCALE: 18.0:1.0 | SHEET 2 OF 3

DWG SIZE: B | REV: A

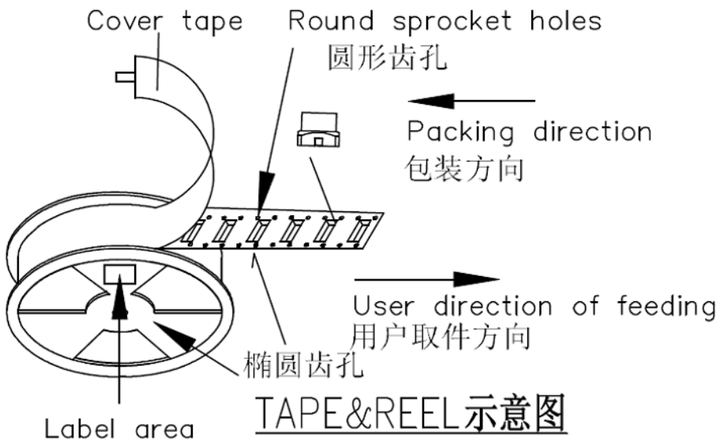
Amphenol RF
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DRAWING NO. SMP-MSLD-PCS18T
ITEM NO. SMP-MSLD-PCS18T
PART NO. SMP-MSLD-PCS18T

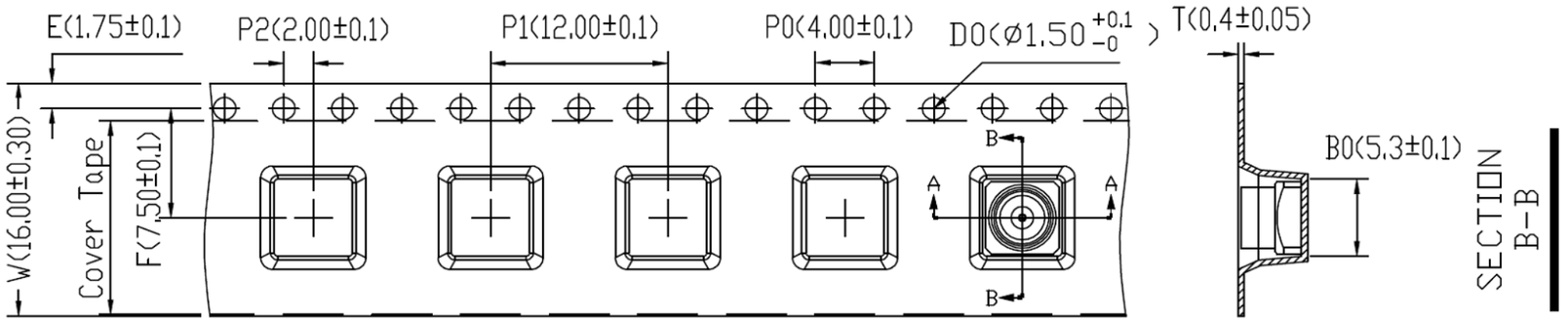
THIRD ANGLE PROJ.	REVISIONS			
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	29-Jul-19	12481	SV

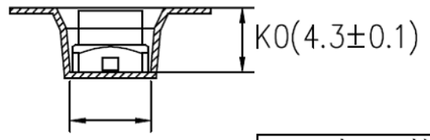


SMP-MSLD-PCS-18T



TAPE&REEL示意图





SECTION A-A

Notes:

1. 10 sprocket hole pitch cumulative tolerance ±0.20mm
   (每10个链轮齿孔径累计公差为±0.2MM)
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. (A0与B0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.
   (K0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:黑色聚苯乙烯。)
7. Thickness: 0.40 ±0.05 mm.
   (厚度:0.40±0.05毫米。)
8. Packing length per 13" reel : 12.864Meters.
   (每个13"卷轴包装长度12.864米。)
9. Component loader per 13" reel : 1000pcs.
   (每个13"卷轴可装1000个零件。)

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。

包装信息	
卷盘	330mmx16mm
卷盘信息	宝蓝连体盘
上封带	13.3MM
每盘格数	1000pcs+前后各空36pcs
生產模具信息	
間距	12mm
模具穴數	8穴
成型模數	134模
每盤長度	12.864M

ITEM	W	A_0	B_0	K_0	K_1	P_1	F	E	D_0	D_1	P_0	P_2	T
DIM	16±0.3	5.3±0.1	5.3±0.1	4.3±0.1		12.0±0.1	7.5±0.1	1.75±0.1	$1.5^{+0.1}_{-0.00}$		4.0±0.1	2.0±0.1	0.4±0.05

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± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL	
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EAR# 8532	
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DRAWN	S.DUAN	DATE 6-Aug-19
ENGINEER	S.DUAN	DATE 6-Aug-19
APPROVED	S.HSIEH	DATE 12-Aug-19
CAD FILE		

TITLE
SMP JACK
PCB SMT RECEPTACLE
LIMITED DETENT

SCALE: 18.0:1.0 | SHEET 3 OF 3

DWG SIZE B | REV A

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DRAWING NO.	SMP-MSLD-PCS18T
ITEM NO.	SMP-MSLD-PCS18T
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