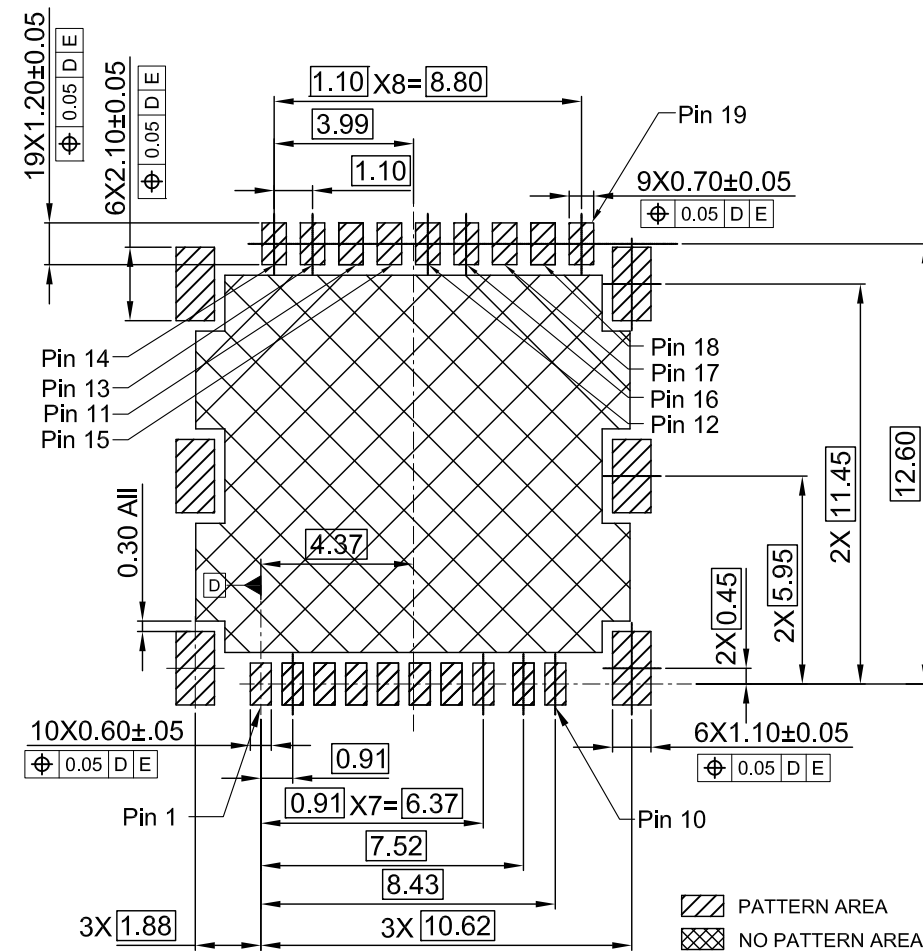
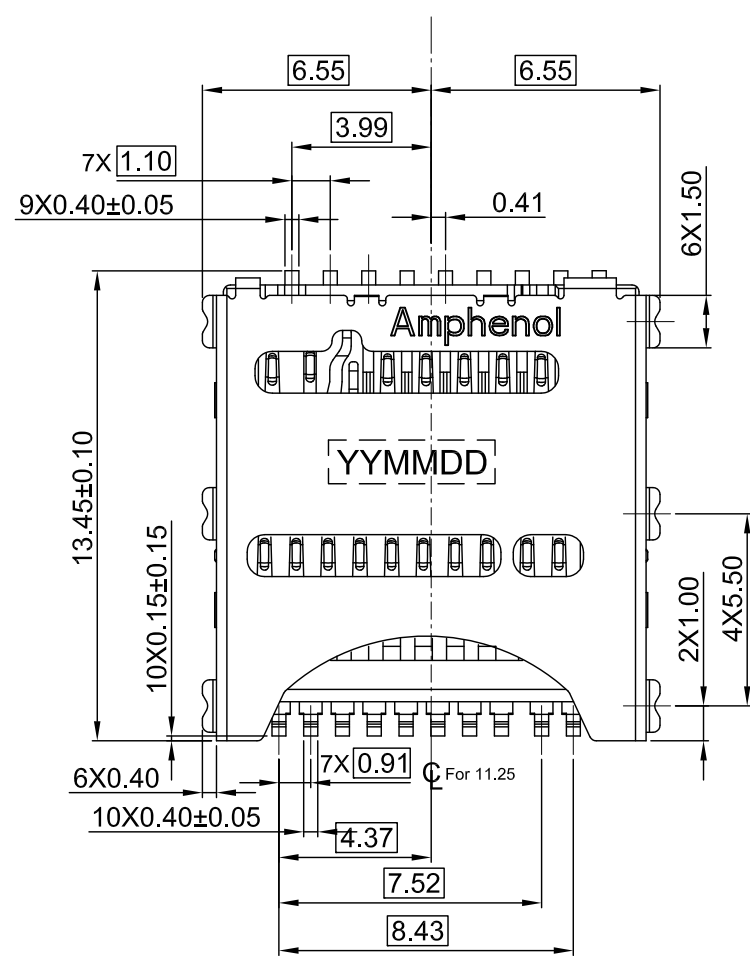
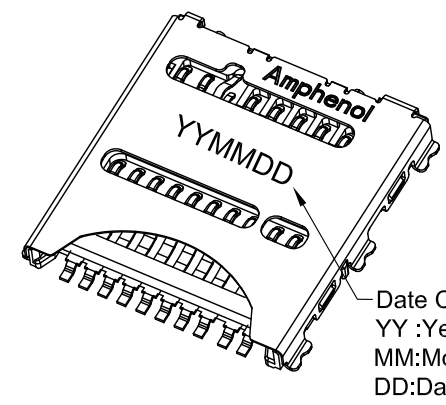
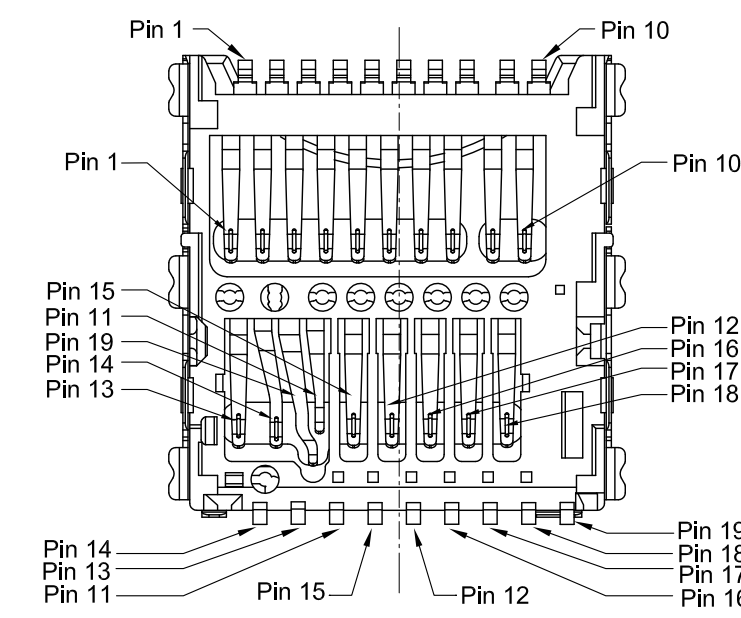
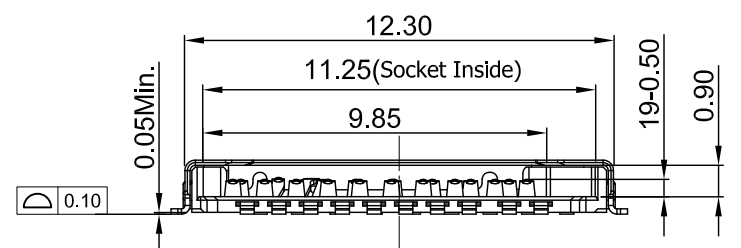
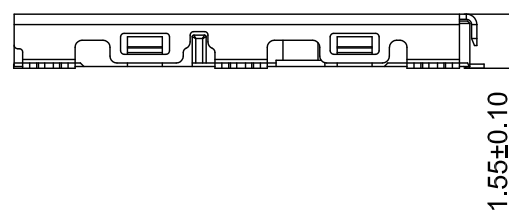


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Recommended PCB Layout(Top View)/推荐的PCB布局(前视图)  
General Tolerances:±0.05/一般公差:±0.05



- Notes/备注:
- Material /材质:
    - Housing(塑胶):High Temperature(高温料) UL-V0  
Color(颜色):Black(黑色)
    - Terminal(端子): Corson Alloy(铜镍硅合金)
    - Shell(铁壳):Stainless Steel(不锈钢)
  - Finish/电镀:
    - Terminal: See Part Number Description on Contact Area plating  
Au 2u"Min. on Soldering Area Plating  
Nickel 50~200u" Under Plating Over All  
(端子: 接触区域镀金见料号编码原则, 焊接区域镀金2u"Min., 全区镀镍底50~200u")
    - Shell: Nickel 50~200u" Plating Over All.  
(全部镀镍50~200u")
  - Specification/规格:
    - Electrical Characteristics/电气特性:
      - Contact Resistance (接触阻抗): 100mΩ Max.
      - Dielectric Withstanding Voltage (耐电压): 500VAC Max With 1 Minute
      - Insulation Resistance(绝缘阻抗): 1000 MΩ Min.
      - Current Rating(额定电流): 0.5A AC/DC Max.  
Rated Voltage (额定电压): 100 V RMS Min.
      - Operating Temperature(工作温度): -25°C~+85°C
      - Storage Temperature(储存温度):-40°C~+85°C

PART NUMBER DESCRIPTION

1 0 1 0 1 7 0 4 X X X X X

Finish:	ROHS:
64 : Au 1u"	A: HF
65 : Au 3u"	Packing:
66 : Au 5u"	2: Tape& Reel
67 : Au 10u"	Date Code:
68 : Au 15u"	1: With Date Code
69 : Au 30u"	0: Without Date Code
J6 : Pd-Ni 12u"+Au2u"	

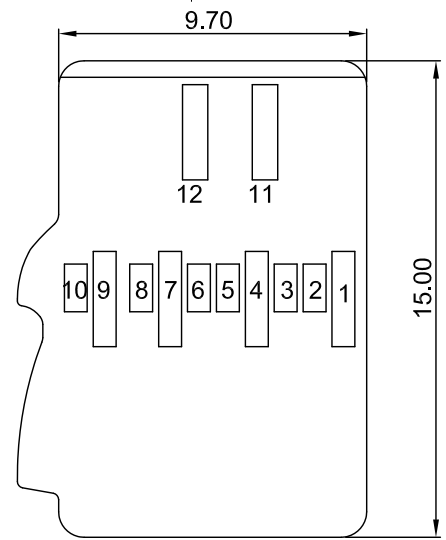
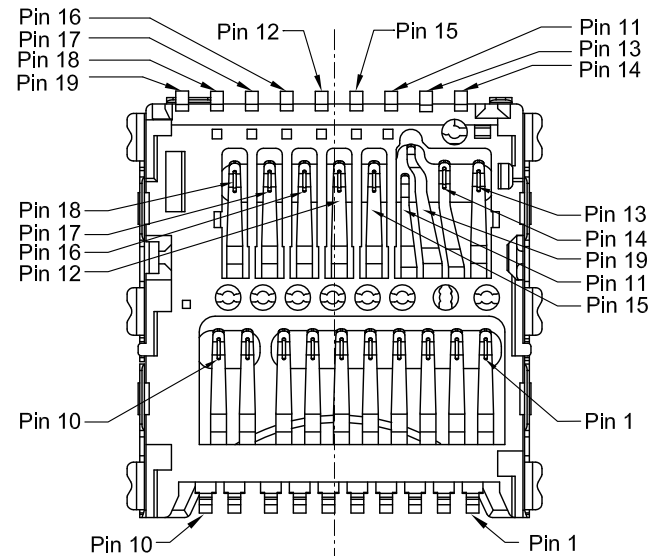
GENERAL	TOLERANCE	FILE.NO.	10101704	PART.NO.	10101704XXX2A	DRAWN	Allan.Lai	MATERIAL	SCALE	NO SCALE	
x.±0.50	x.°±5°	REV.	A	TITLE	UFS CARD SOCKET	CHECKED	Weison.Lu	DATE	05/31/17	UNIT	mm
.x±0.38	.x°±2°	SIZE		SHEET	1 OF 3	APPROVED	Tom	Amphenol Shouhmin Industry			
.xx±0.25	.xx±1°	A4									

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### UFS Card Use (UFS卡使用)

UFS Card Pin Function Definition:  
(UFS卡Pin功能定义)

PIN NO.	FUNCTION
Pin 1	VSS
Pin 2	DIN_C
Pin 3	DIN_T
Pin 4	VSS
Pin 5	DOOUT_C
Pin 6	DOOUT_T
Pin 7	VSS
Pin 8	REF_CLK
Pin 9	VCCQ2
Pin 10	C/D(GND)
Pin 11	VSS
Pin 12	VCC



Circuit Mapping Table:  
(电路对照表)

#### UFS Card

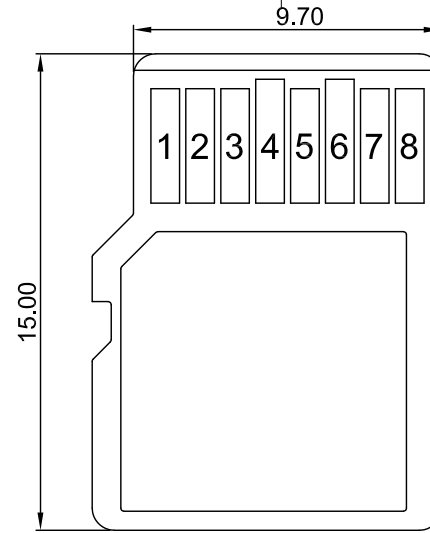
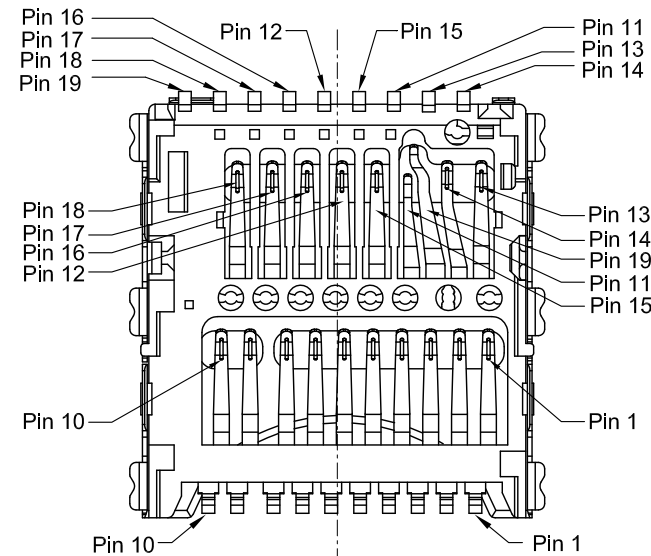
UFS Card	UFS Socket
Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3
Pin 4	Pin 4
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 7
Pin 8	Pin 8
Pin 9	Pin 9
Pin 10	Pin 10
Pin 11	Pin 11
Pin 12	Pin 12

Without the card (无卡)

UFS Card	UFS Socket
Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3
Pin 4	Pin 4
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 7
Pin 8	Pin 8
Pin 9	Pin 9
Pin 10	Pin 10
Pin 11	Pin 11
Pin 12	Pin 12

Card inserted(卡插入)

### Compatible With Micro SD Card (兼容微型内存卡)



#### Micro SD Card

Micro SD Card Pin Function Definition:  
(微型内存卡Pin功能定义)

PIN NO.	FUNCTION
1	DATA LINE(BIT 2)
2	CARD DETECT/DATA LINE(BIT 3)
3	COMMAND RESPONSE
4	SUPPLY VOLTAGE
5	CLOCK
6	SUPPLY VOLTAGE GROUND
7	DATA LINE(BIT 0)
8	DATA LINE(BIT 1)

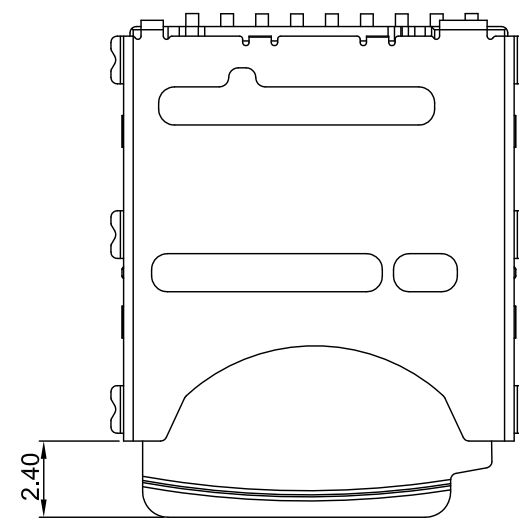
Circuit Mapping Table:  
(电路对照表)

Micro SD Card	UFS Socket
Pin 1	Pin 18
Pin 2	Pin 17
Pin 3	Pin 16
Pin 4	Pin 12
Pin 5	Pin 15
Pin 6	Pin 11
Pin 7	Pin 14
Pin 8	Pin 13

Without the card (无卡)

Micro SD Card	UFS Socket
Pin 1	Pin 18
Pin 2	Pin 17
Pin 3	Pin 16
Pin 4	Pin 12
Pin 5	Pin 15
Pin 6	Pin 11
Pin 7	Pin 14
Pin 8	Pin 13

Card inserted(卡插入)

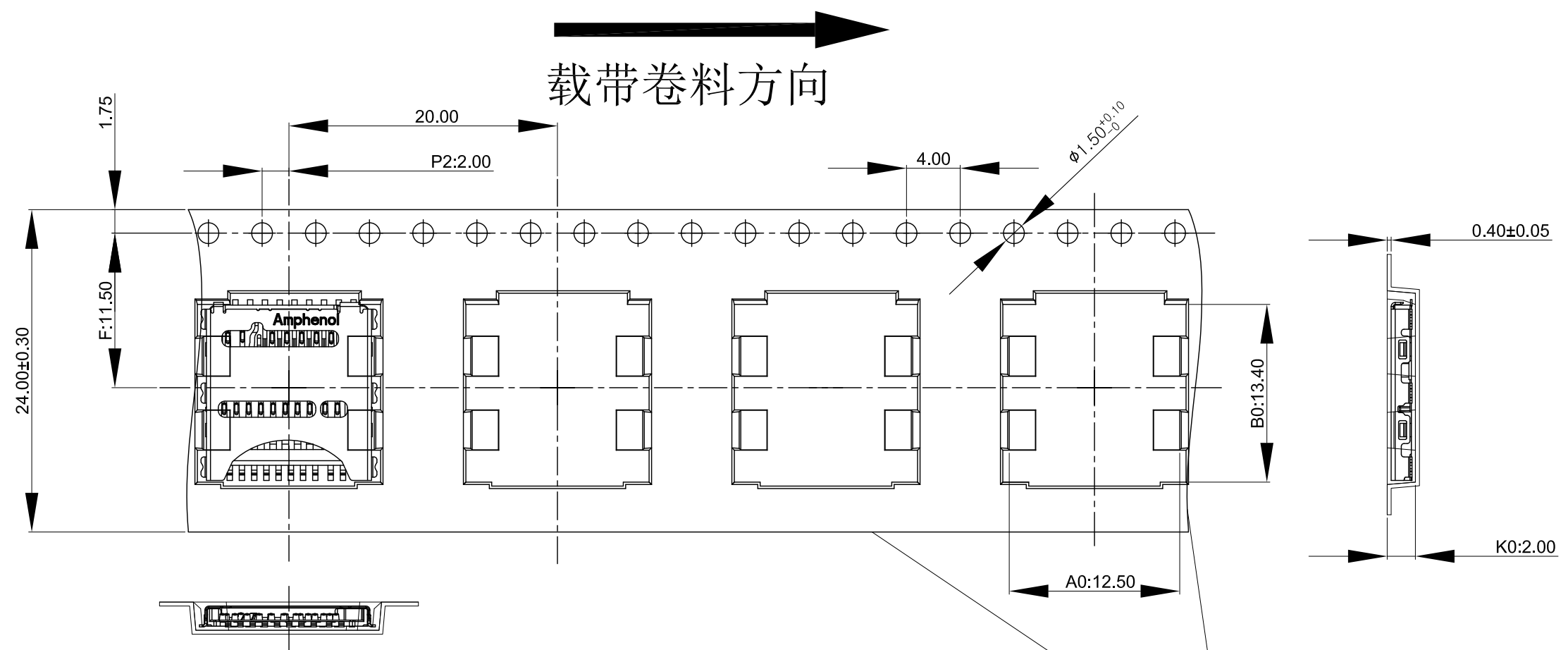


View of insert ed card

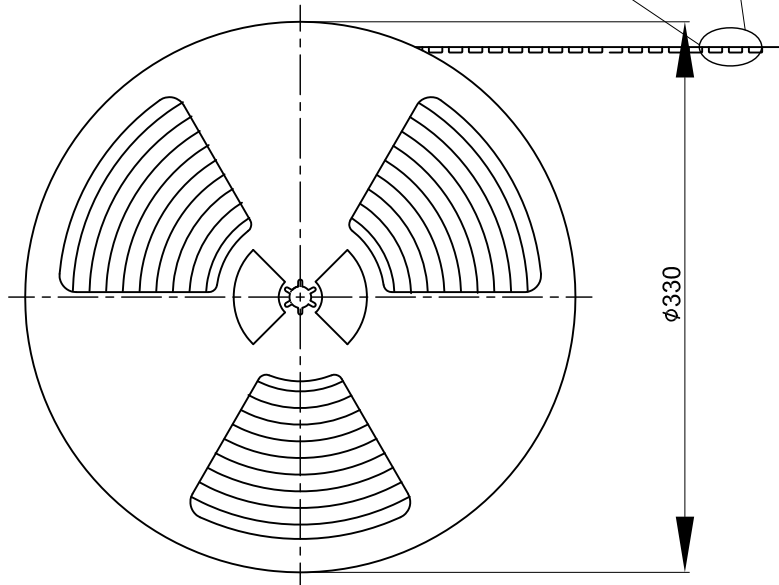
GENERAL TOLERANCE	TOLERANCE	FILE.NO.	10101704	PART.NO.	10101704XXX2A	DRAWN	Allan.Lai	MATERIAL	SCALE	NO SCALE	
x.±0.50	x.°±5°	REV.	A	TITLE	UFS CARD SOCKET	CHECKED	Weison.Lu	DATE	05/31/17	UNIT	mm
.x±0.38	.x°±2°	SIZE		SHEET	2 OF 3	APPROVED	Tom	Amphenol Shouhmin Industry			
.xx±0.25	.xx±1°	A4									



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- Notes:
1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20\text{mm}$   
(每10个链轮齿孔径累计公差为 $\pm 0.2\text{MM}$ )
  2. Carrier camber not to exceed 1mm in 250mm.  
(传送料带弯曲变形度每100MM不超过1MM)
  3. A0 and B0 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. K0 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: polystyrene (材料:透明聚苯乙烯)
  7. Thickness:  $0.4 \pm 0.05\text{ mm}$ . (厚度: $0.3 \pm 0.05$ 毫米)
  8. Packing length per 13" reel : 24.8 Meters.  
(每个13"卷轴包装长度为24.8 米)
  9. Production packaging production: 1200 pcs.  
(生产包装1200个产品)



REEL (盘)



注：未注明公差为 $\pm 0.1$ ；  
F值以B0为中心；  
P2值以A0为中心。

GENERAL TOLERANCE	FILE.NO.	PART.NO.	DRAWN	MATERIAL	SCALE
$x \pm 0.50$	10101704	10101704XXX2A	Allan.Lai		NO SCALE
$x^\circ \pm 5^\circ$	REV. A	TITLE UFS CARD SOCKET	Checked Weison.Lu	DATE 05/31/17	UNIT mm
$.x \pm 0.38$	SIZE A4	SHEET 3 OF 3	APPROVED Tom	Amphenol Shouhmin Industry	
$.xx \pm 0.25$					