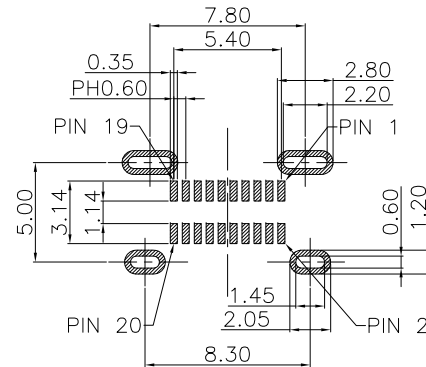
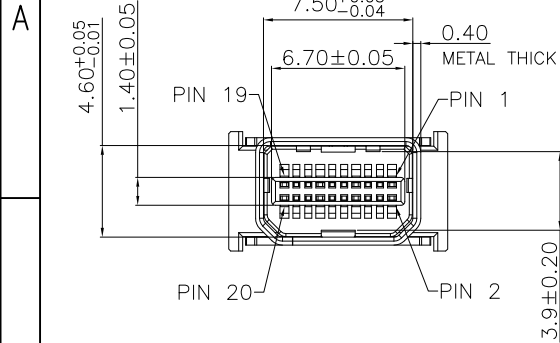


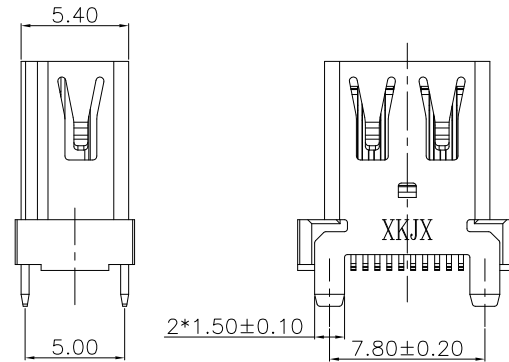
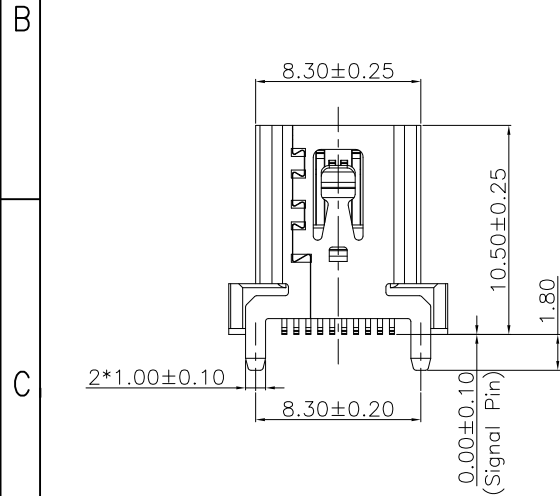
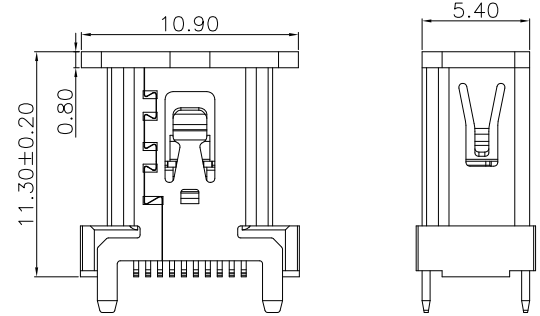
HSF Compliant

REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPD.	DATE
A0	—	新版发行	Richard	Richard	BENDEE	20-11-03



RECOMMENDED PCB LAYOUT(TOP)
TOLERANCES:±0.05MM

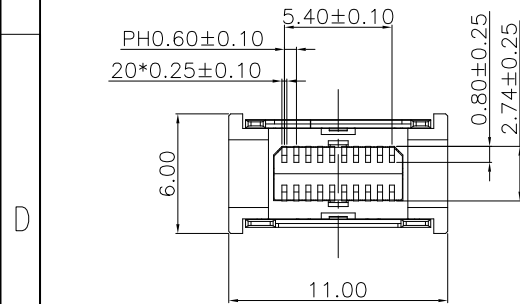
WITH CAP



料号备注									
CP	0	F	005	M	16	R	XX	W	C
1. 镀金壳(11μ")									
2. 镀金壳(11μ")									
3. 镀金壳(11μ")									
4. 镀金壳(11μ")									
5. 镀金壳(11μ")									
6. 镀金壳(11μ")									
7. 镀金壳(11μ")									
8. 镀金壳(11μ")									
9. 镀金壳(11μ")									
10. 镀金壳(11μ")									
11. 镀金壳(11μ")									
12. 镀金壳(11μ")									
13. 镀金壳(11μ")									
14. 镀金壳(11μ")									
15. 镀金壳(11μ")									
16. 镀金壳(11μ")									
17. 镀金壳(11μ")									
18. 镀金壳(11μ")									
19. 镀金壳(11μ")									

SPECIFICATIONS:

- Electrical Performance:
 - Contact current Rating: 0.5 Amperes min.
 - Dielectric Withstanding Voltage: AC500V(rms) 1 minue.
 - Insulation resistance: 100M ohms Min.
 - Contact Resistance: 30m ohm Max.
 - Voltage Rating : 40 Vac (rms).
- Mechanical Performance:
 - Mating force: 44.1N Max, After test 39.2N Max.
 - Withdrawal force: 9.8N Min, After test 4.9N Min.
 - Durability: 10000 cycle.
- Environmental Performance:
 - Temperature Range:
 - Operating Temperature: -25°to+85°.
 - Resistance to reflow soldering heat 260°min, 10s.
 - Salt Spray 48h for contact gold&shell Nicke
- Material:
 - Plastic: high temperature plastic, UL94-V0, Color Black.
 - Contact: Copper alloy.
 - Shell: SUS.
- Plating:
 - Contact: (SEE TABLE) Au Plated on contact area
Matte Tin 80u"Min Plated on solder area
Nickel 30u"Min underplating over all.
 - Shell: Ni Plated 30u"min



DFP mDP Connector Pin Assignment					
Source side			Sink side		
Top Row			Bottom Row		
Pin NO.	Signal Type	Pin Name	Pin NO.	Signal Type	Pin Name
1	GND	GND	2	In	HotPlug Detect
3	Out	ML_Lane 0(p)	4	CONFIG	CONFIG1
5	Out	ML_Lane 0(n)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	Out	ML_Lane 1(p)	10	Out	ML_Lane 3(p)
11	Out	ML_Lane 1(n)	12	Out	ML_Lane 3(n)
13	GND	GND	14	GND	GND
15	Out	ML_Lane 2(p)	16	I/O	AUX_CH(p)
17	Out	ML_Lane 2(n)	18	I/O	AUX_CH(n)
19	GND	GND	20	PWR Out	DP_PWR

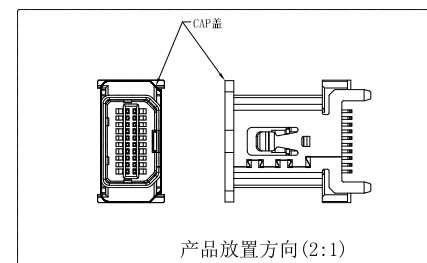
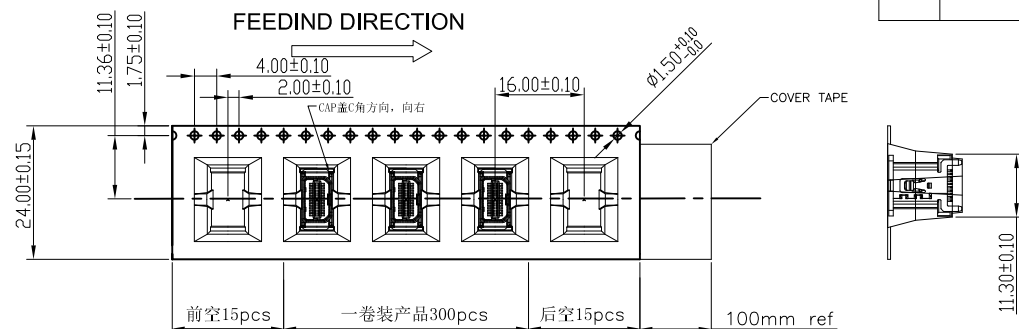
UFP mDP Connector Pin Assignment					
Source side			Sink side		
Top Row			Bottom Row		
Pin NO.	Signal Type	Pin Name	Pin NO.	Signal Type	Pin Name
1	GND	GND	2	Out	HotPlug Detect
3	In	ML_Lane 3(n)	4	CONFIG	CONFIG1
5	In	ML_Lane 3(p)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	In	ML_Lane 2(n)	10	In	ML_Lane 0(n)
11	In	ML_Lane 2(p)	12	In	ML_Lane 0(p)
13	GND	GND	14	GND	GND
15	In	ML_Lane 1(n)	16	I/O	AUX_CH(p)
17	In	ML_Lane 1(p)	18	I/O	AUX_CH(n)
19	GND	GND	20	PWR Out	DP_PWR



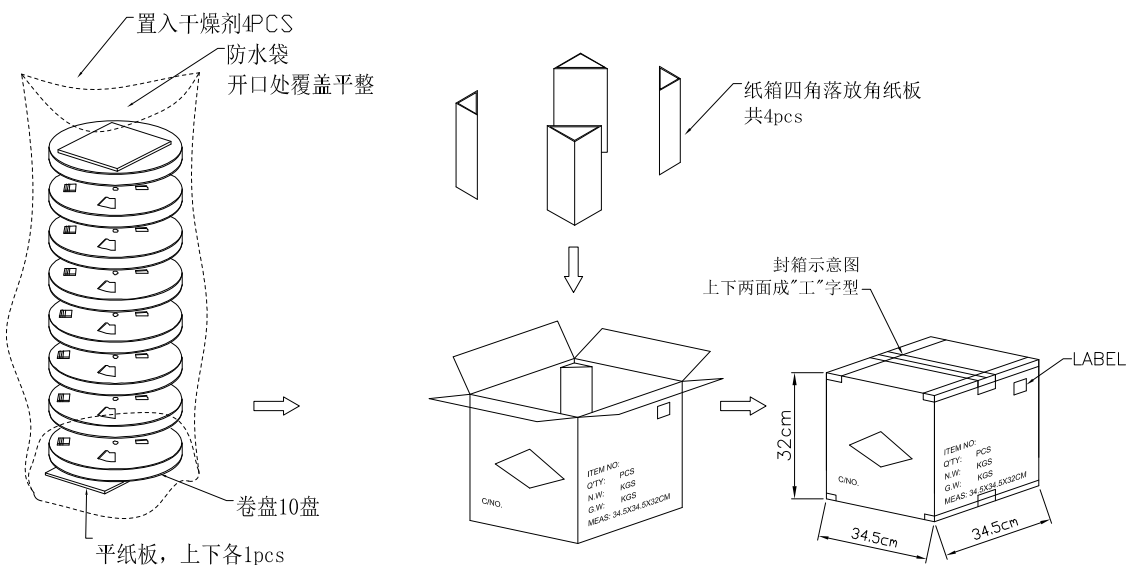
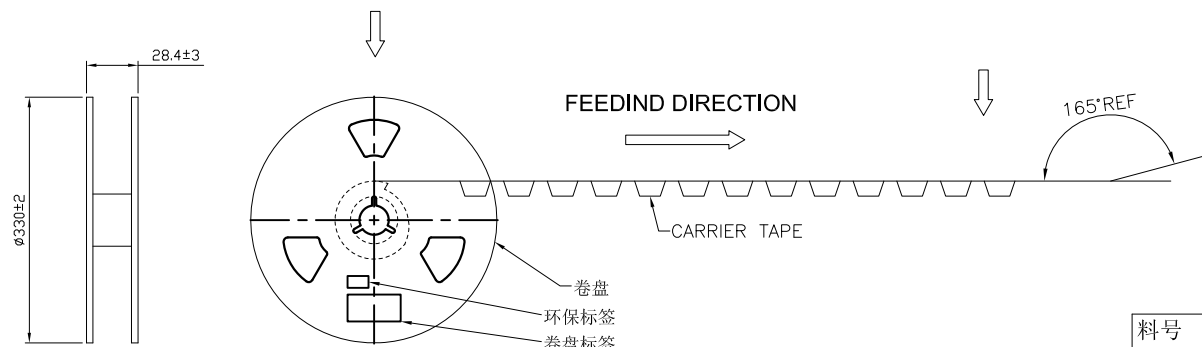
东莞市兴科杰鑫电子有限公司
Dong Guan XingKeJieXin Electronics Co.,Ltd

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		日期	品名	Mini DisplayPort Receptacle	
X. +/-		制图 Richard		2020.09.14	规格	2SMT H10.5	
.X +/-		审核					
.XX +/-		核准					
FRACTIONS +/-		文件位置			料号	SEE TABLE	
ANGLES +/-		ANGLE OF PROJECTION			字张	工程图号:	版本.
DIMENSIONS					A4	DWG-CPAF-005	AO
(METRIC)	(MM)				比例	1 : 1	状态码
					A	页数	1 OF 1

REV.	ECN NO.	DESCRIPTION	DRWN	CHECK	APPD.	DATE
A0		NEW DRAWING	Richard	BENDEE	BENDEE	2020.09.05



包 装 信 息	
每盘产品数	300pcs
每箱卷盘数	10卷
每箱产品数	3000pcs
产品单重	1.3g
每箱净重	以实际为准
每箱毛重	以实际为准



料号	品名	规格	单位	用量
PB031C088	Mini DP Rec 2SMT 载带	Φ330, 载带W=24mm PH=16mm T=0.5mm PET透明	SET	1/300
PB031C038	上封带	自粘式透明, T=0.05mm, W=20.7mm	m	6/300
PP011C009	纸板	33*33CM A=B, 纸板	PCS	2/3000
PP011C032	三角板	10cm*10cm*13cm, H28cm	PCS	4/3000
PP001C018	外箱	K=K, 外径34.5*34.5*32CM	PCS	1/3000
PE031C005	防水袋	80cm*80cm T0.05mm	PCS	1/3000



东莞市兴科杰鑫电子有限公司

DongGuan XingKeJieXin Electronics Co., Ltd

所有物料与操作均符合ROHS管制标准		APPROVAL	日期	品名	Mini DP REC 2SMT H=10.50	
		制图	Richard	2020.09.05	规格	
		审核				
		核准				
		文件位置		料号	SEE TABLE	
		ANGLE OF PROJECTION		字张	工程图号:	版本:
				A4	PACK-R0131	A0
				比例	1 : 1	状态码 C 页数 1 OF 1