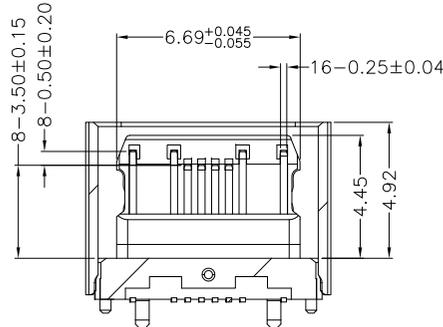
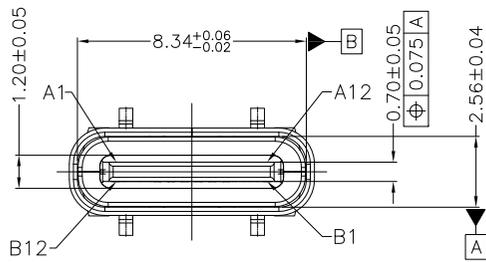
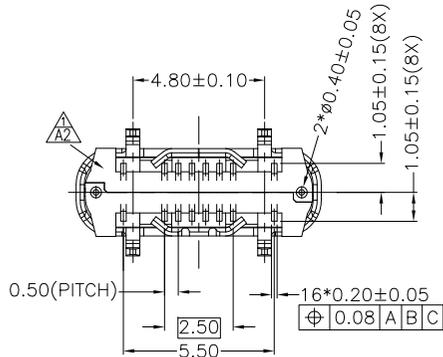
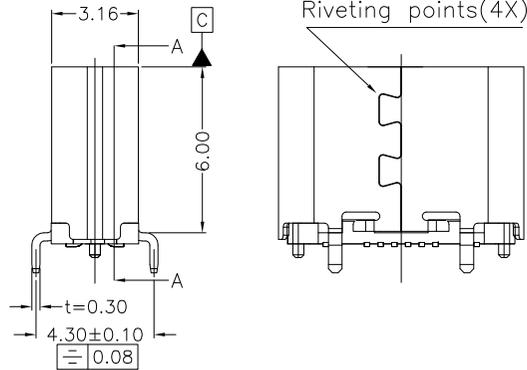
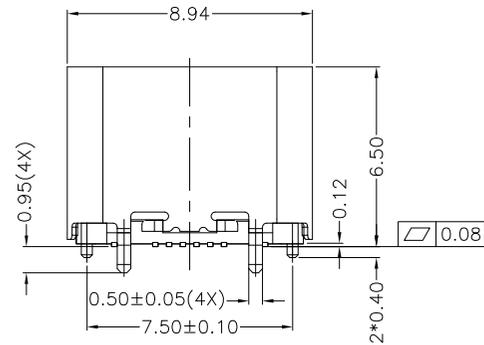


环保物料



SECTION A-A



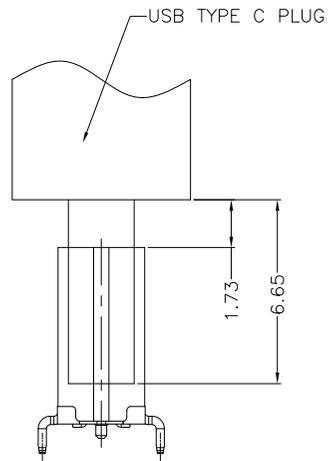
Item	Title	Material	Dispose	Remark
1	Shell	SUS304-3/4H	Ni:50u" Min.	///
2	Mid Plate	SUS301-H	Clear Only	///
3	Top Contact	C2680R-H	Mating Area: See P/N	///
4	Bottom Contact	C2680R-H	Solder Tails: CF	///
5	Insulator	LCP-E130i	UL 94V-0	Black

NOTE:

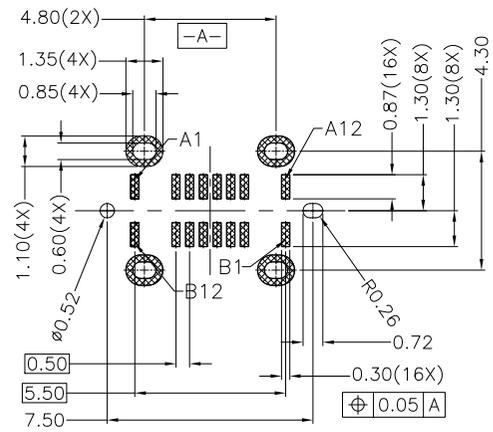
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, LCP-E130i; UL94 V-0. COLOR: BLACK.
 - CONTACTS: C2680R-H, T=0.12mm
 - MID PLATE: SUS301-H, T=0.15mm
 - SHELL: SUS304-3/4H, T=0.30mm
- PLATING SPECIFICATION:
 - CONTACTS: Ni 50u" MIN. UNDER PLATED OVER ALL. GOLD PLATING THICKNESS FOLLOW THE P/N GOLD FLASH PLATED ON THE SOLDER AREA. GOLD FLASH PLATING THICKNESS IS NOT REQUIRED.
 - SHELL: Ni 50u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE: CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - EXTRACTION FORCE: 0.8kgf~2.0kgf. AFTER DURABILITY TEST.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 3.0A
VOLTAGE RATING: 20V
 - LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX. SHIELD: 50mΩ/MAX. LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN. APPLY DC 500V, test time 1 Minutes
 - DIELECTRIC WITHSTAND VOLTAGE: AC 100V FOR 1 MINUTE. Leakage Current < 0.5mA
- ENVIRONMENTAL PERFORMANCE: OPERATING TEMPERATURE: -30°C~+85°C.
- IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS		
A0	新图面发行	21.09.15		LINEAR	1:1	APPROVED		UC-FE650SV-ABLx0xx	ENDE05			
A1	规范图面尺寸及材质牌号更新	21.09.22		ANGLES								
A2	依实物更新图纸	22.09.20	UNIT: MM	0.00±0.20	X° ±3°	DESIGNER		TITLE USB type-C 母座16pin VERTICAL, H=6.5mm 外壳电镀.				
A3	增加电镀规格	22.10.17	SIZE: A4	0.000±0.10	X° X' ±2°	DRAWN	Micky Ma		22.10.17	REV	A2	SHEET

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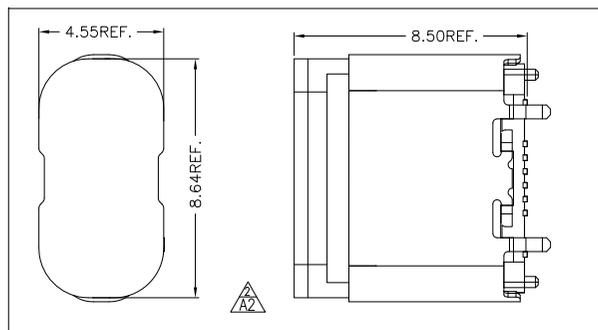
FEMALE AND MALE MATCHING DRAWING



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND



UC-F E650 S V -A B L X 0 XX
1 2 3 4 5 6 7 8 9 10 11

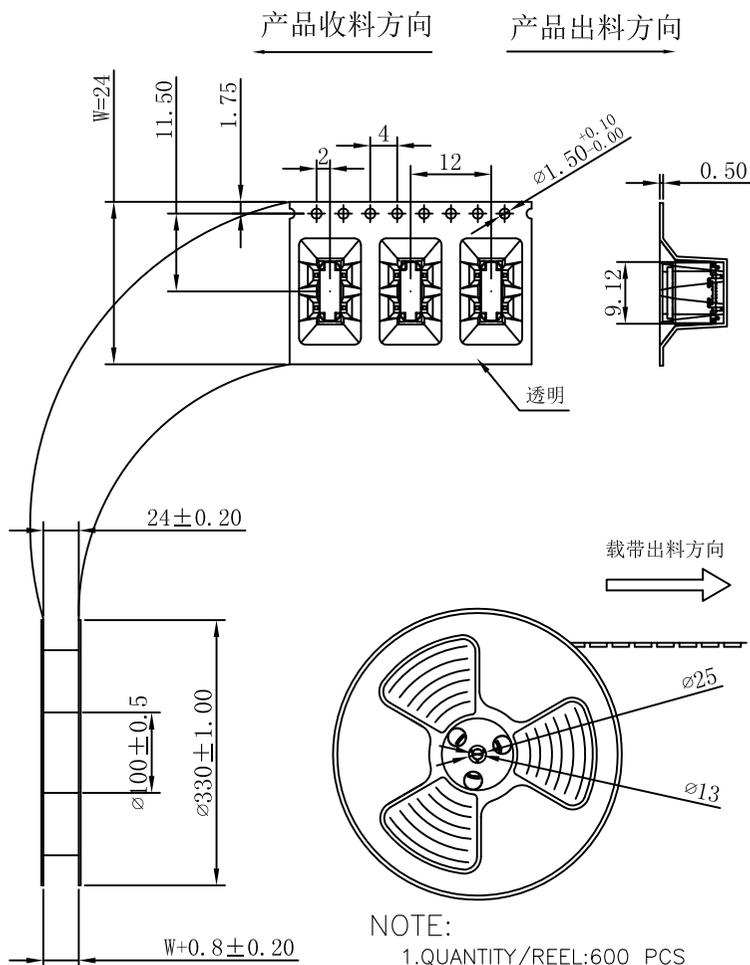
- 1.USB TYPE C
- 2.F:FEMALE
- 3.E650=直立式H=6.50mm
- 4.S:SMT
- 5.V:180°
- 6.端子材质: A:C2680
- 7:端子PIN数: B:16PIN
- 8:胶芯材质:L:LCP
- 9:胶芯颜色: A: 黑色
- 10: 流水码: 0
- 11:Contact Area plating on contacts
- 01: 1U"
- 30: 30U"

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS
A0	新图面发行	21.09.15		LINEAR	1:1			UC-FE650SV-ABLx0xx	ENDE05	
A1	规范图面尺寸及材质牌号更新	21.09.22		0.0±0.30	ANGLES	APPROVED				
A2	依实物更新图纸	22.09.20	UNIT: MM	0.00±0.20	DESIGNER		TITLE	USB type-C 母座16pin VERTICAL, H=6.5mm 外壳镀镍.		
A3	增加电镀规格	22.10.17	SIZE: A4	0.000±0.10	DRAWN	Micky Ma	22.10.17			

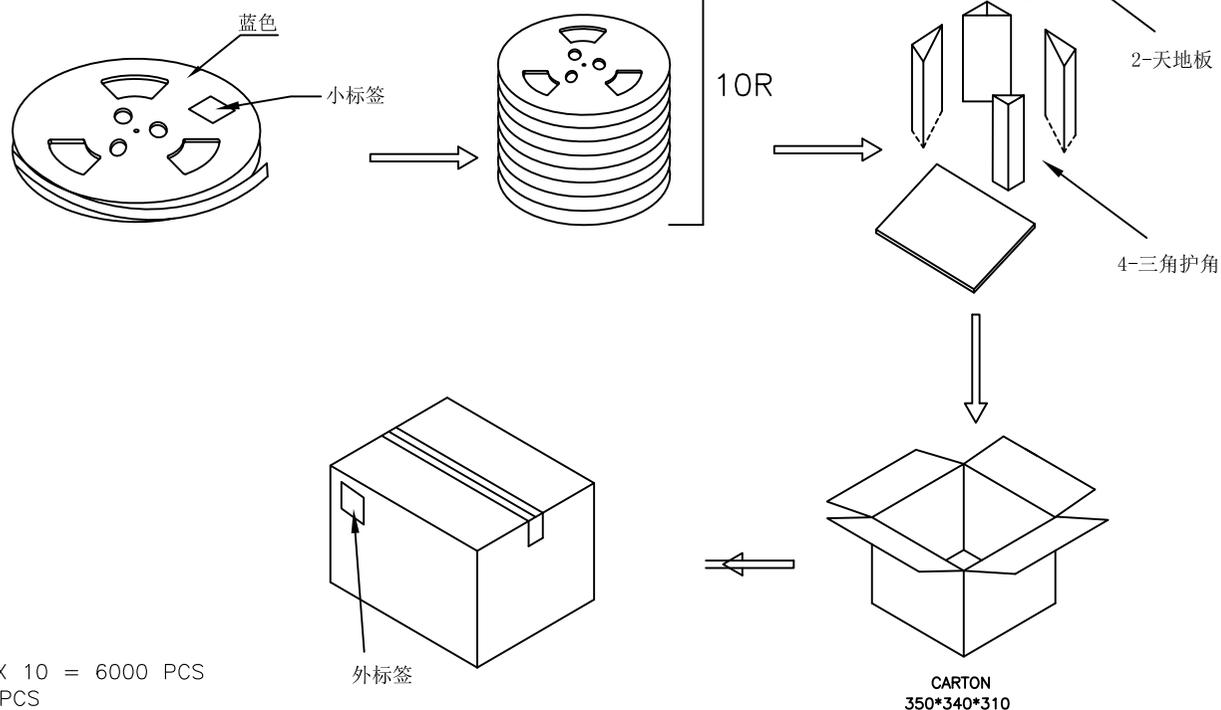
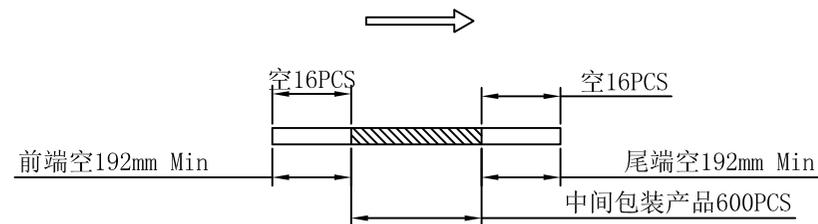
环保物料

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H



NOTE:
 1. QUANTITY/REEL: 600 PCS
 數量/卷: 600 PCS
 QUANTITY/INNER CARTON: 600 X 10 = 6000 PCS
 數量/箱: 600 X 10 = 6000 PCS
 2. FREE 16 CAVE IN THE FRONT CARRIER ADN FREE
 16 CAVE IN THE END CARRIER.
 包裝帶內圈空16格, 外圈空16格.



REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS		
A0	新图面发行	21.09.15		LINEAR	ANGLES	APPROVED			UC-FE650SV-ABLx0xx	ENDE05			
A1	升级图框发行	22.09.20 <th>0.00±0.20</th> <td>X° REF±6°</td> <th>DESIGNER</th> <td></td> <td></td> <td>TITLE</td> <td colspan="3" rowspan="2"> USB type-C 母座16pin VERTICAL, H=6.5mm 外壳镀镍. </td>	0.00±0.20	X° REF±6°	DESIGNER			TITLE	USB type-C 母座16pin VERTICAL, H=6.5mm 外壳镀镍.				
			0.00±0.10	X° X'±2°	DRAWN	Micky Ma	22.09.20						
			SIZE: A4						REV	A1	SHEET	1/1	