

REV.	ECN NO	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

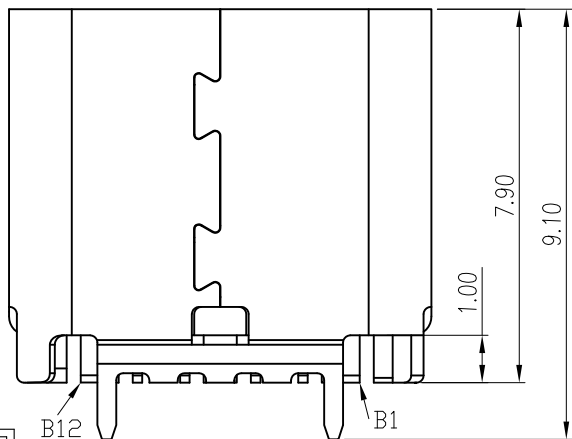
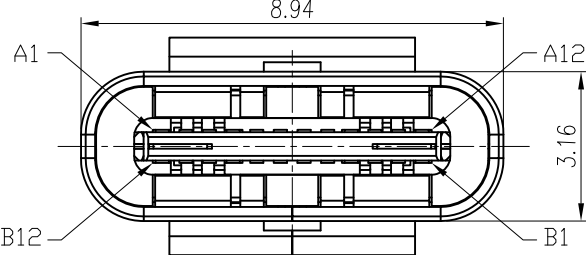
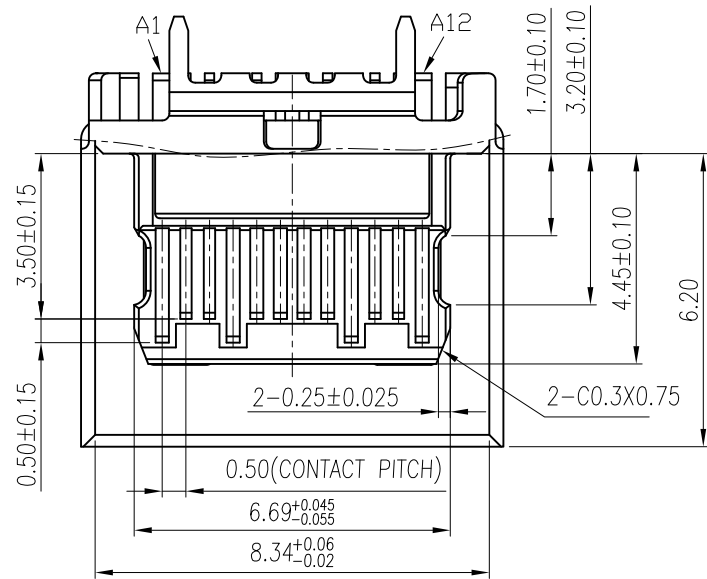
B

C

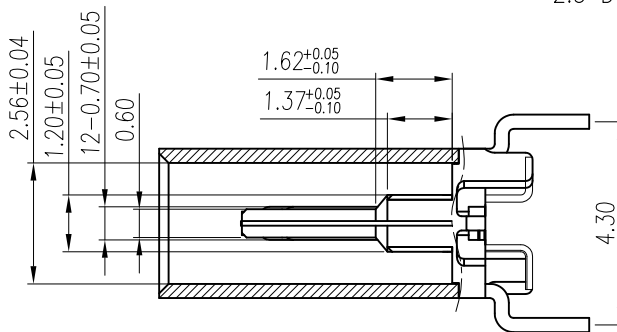
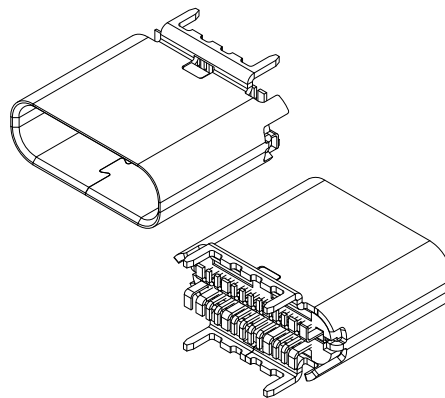
D

E

F





ROHS Compliant



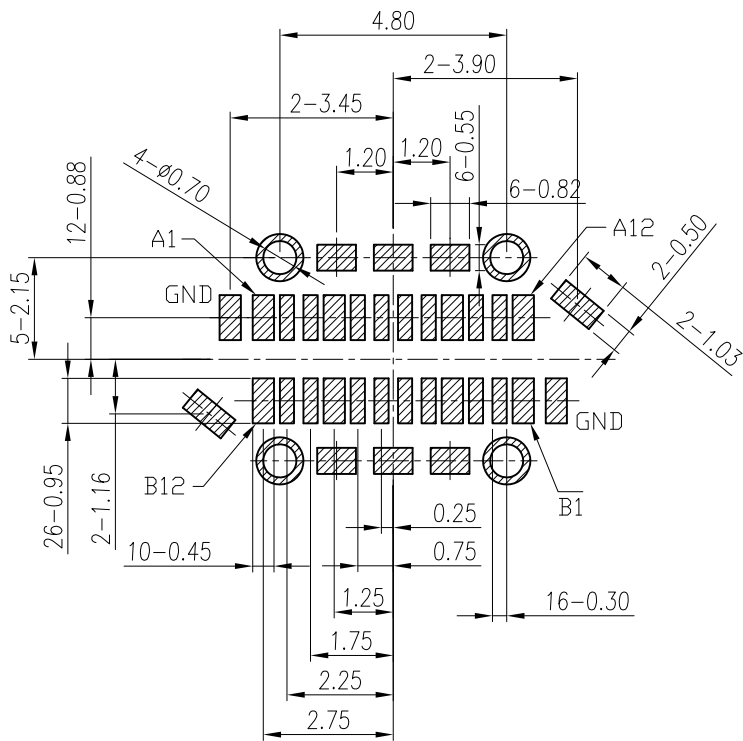
NOTE:

- 1.ELECTRICAL CHARACTERISTICS;
  - 1.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 50mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
  - 1.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
  - 1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
  - 1.4 INSULATION RESISTANCE 100MΩ Min
  - 1.5 OPERATING TEMPERATURE: -40°C ~ 85°C
- 2.MECHANICAL CHARACTERISTICS:
  - 2.1 MATING FORCE: 5~20 N.
  - 2.2 UNMATED FORCE: 8~20N AFTER TEST
  - 2.3 DURABILITY: 10,000 CYCLES

4	Shell	1	SUS	T=0.30mm	matte Tin Plated
3	Gnd plates	3	SUS	T=0.15mm	Solder area: matte Tin Plated
2	Contact	24	COPPER ALLOY	T=0.15mm	Contact area: 30u" PD/Ni+Gold Flash Solder area: 80u"min. matte Tin Plated over Nickel
1	Housing	3	THERMOPLASTIC	UL 94-V0	Black
No.	Name	Q'ty	Material	Remarks & Thickness	Finish

PRAT NO:		MATERIAL:			
MODEL NO:		FINSH:			
UNIT: mm	SAZE: A4	COLOR:		PART NAME:	
TOLERANCE UNSPECIFIED		DR: 趙承寶 '15/04/16		USB3.1-C TYPE(F)180°SMT	
.X	±0.30	CHK: 趙承寶 '15/04/16		DWG NO: S/A-	
.XX	±0.20	APP: Kent '15/04/16		REV. A0	
.XXX	±0.10			SCALE: 1:1	
ANG	±1°			SHEET: 1 of 2	
					

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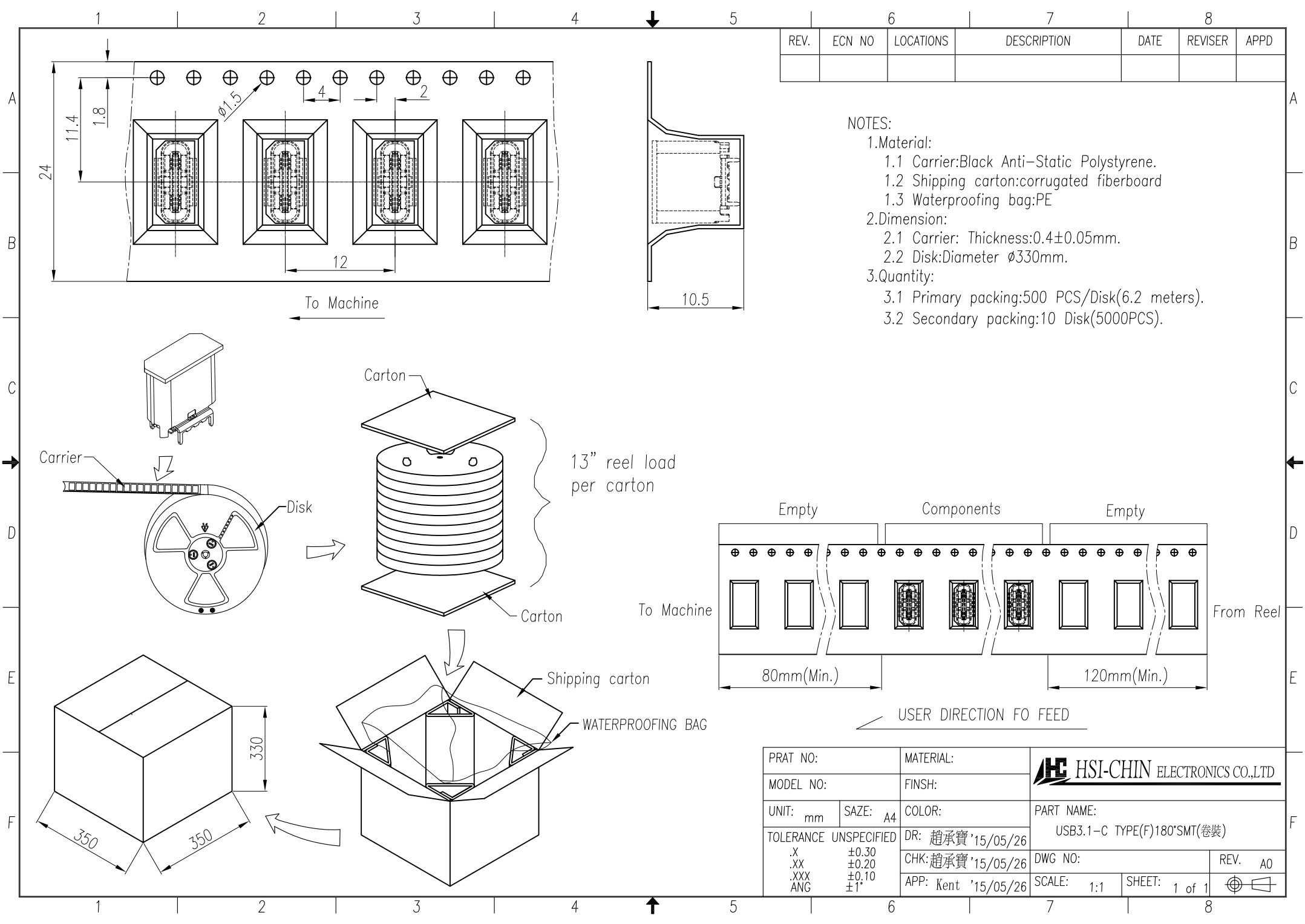
RECOMMEND PCB LAYOUT

Pin Assignments

Pin No	Signal Name	Signal Name	Pin No
A1	GND	GND	B12
A2	TX1+	RX1+	B11
A3	TX1-	RX1-	B10
A4	Vbus	Vbus	B9
A5	CC1	SBU2	B8
A6	D+	D-	B7
A7	D-	D+	B6
A8	SBU1	CC2	B5
A9	Vbus	Vbus	B4
A10	RX2-	TX2-	B3
A11	RX2+	TX2+	B2
A12	GND	GND	B1

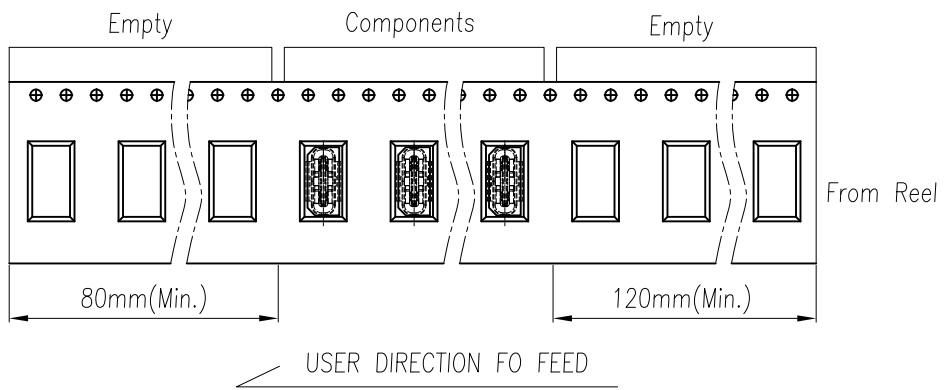
ROHS Compliant


PRAT NO:		MATERIAL:		 HSI-CHIN ELECTRONICS CO.,LTD	
MODEL NO:		FINSH:			
UNIT: mm	SAZE: A4	COLOR:	PART NAME: USB3.1-C TYPE(F)180°SMT		
TOLERANCE UNSPECIFIED		DR: 趙承寶 '15/04/16			
.X ±0.30		CHK:趙承寶 '15/04/16	DWG NO:	S/A-	REV. A0
.XX ±0.20		APP: Kent '15/04/16	SCALE:	1:1	SHEET: 2 of 2
.XXX ±0.10					
ANG ±1°					



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- NOTES:
- 1.Material:
    - 1.1 Carrier:Black Anti-Static Polystyrene.
    - 1.2 Shipping carton:corrugated fiberboard
    - 1.3 Waterproofing bag:PE
  - 2.Dimension:
    - 2.1 Carrier: Thickness:0.4±0.05mm.
    - 2.2 Disk:Diameter ø330mm.
  - 3.Quantity:
    - 3.1 Primary packing:500 PCS/Disk(6.2 meters).
    - 3.2 Secondary packing:10 Disk(5000PCS).



PRAT NO:		MATERIAL:		 <b>HSI-CHIN</b> ELECTRONICS CO.,LTD	
MODEL NO:		FINSH:			
UNIT: mm	SAZE: A4	COLOR:	PART NAME: USB3.1-C TYPE(F)180°SMT(卷裝)		
TOLERANCE UNSPECIFIED		DR: 趙承寶 '15/05/26			
.X ±0.30		CHK: 趙承寶 '15/05/26	DWG NO:		REV. A0
.XX ±0.20		APP: Kent '15/05/26	SCALE: 1:1		SHEET: 1 of 1
.XXX ±0.10					
ANG ±1°					