

Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A4	V <sub>BUS</sub>	B9	V <sub>BUS</sub>
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	V <sub>BUS</sub>	B4	V <sub>BUS</sub>
A12	GND	B1	GND
SHELL			GND

REV.	ECN.NO.	DATE
A	RELEASED	03/05-'20
B	Modify Plating, Add packaging spec	09/01-'21

**NOTES:**

**\*Material**

Body: LCP UL94V-0.  
 Insert(Molding): LCP UL94V-0 Color:Black.  
 Contact: C7025 T=0.15mm;  
 Plating: Au (gold flash)plating on contact area,  
 Sn (100u" Min) plating on solder tail,  
 Ni (50u" Min) underplating overall.  
 Shell: SUS 304 T=0.30mm; Ni(30u" Min) PLATED OVER ALL.  
 Mid plate: SUS 301 T=0.10mm(clear only);

**\*Electrical Specification**

Current Rating: 5A FOR VBUS PIN;1.25A FOR VCONN PIN.0.25A FOR OTHER PIN.  
 Contact Resistance: 40 mΩ max for initial.  
 10mΩ change after trst.Measure at 20mV, 100mA.  
 Insulation Resistance: 100MΩ Min.  
 Dielectric Withstanding Voltage: AC 100V for 1 minute.

**\*Mechanical**

Insertion Force: 0.5~2.0Kgf.  
 Withdrawal Force: 0.8~2.0Kgf.  
 Durability: 10000 cycles

**\*Environmental**

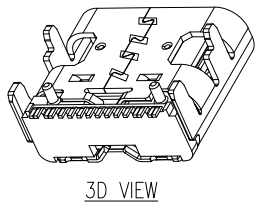
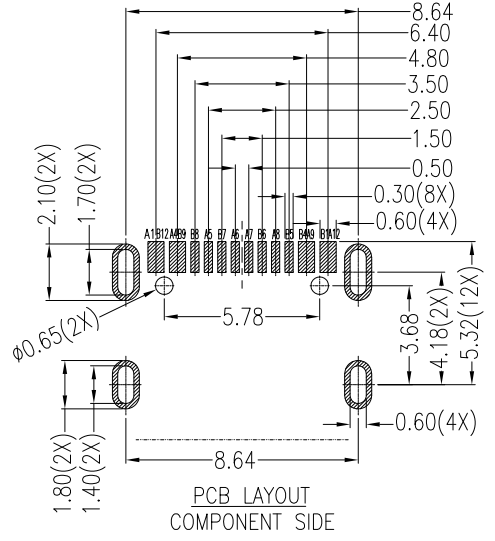
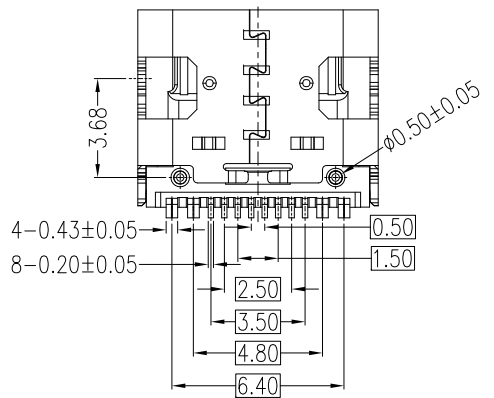
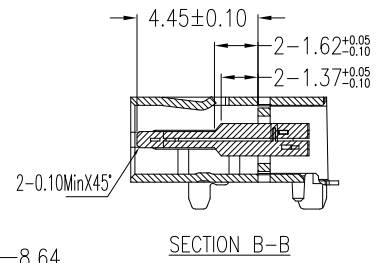
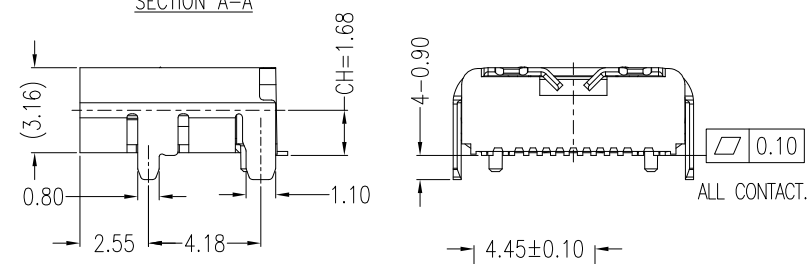
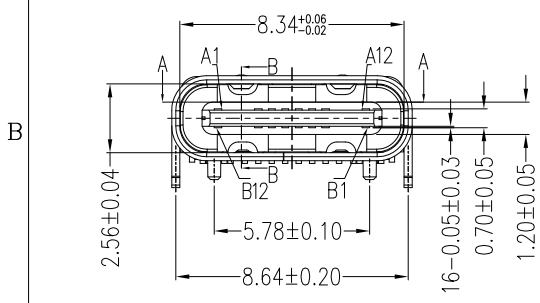
Operating Temperature: -25°C to +85°C

**\*IR Reflow**

The Peak Temperature on The Board Shall  
 Be Maintained For 10 Seconds At 260°C.

**\*How To Order**

WU3CR-16ARL1PH5J1  
 Series NO. \_\_\_\_\_  
 Number of Contacts \_\_\_\_\_ J1:Type  
 A: Au>0.8u" D:15u" 5:REEL  
 F:30u" H:Halogen Free  
 R:Shell foot length \_\_\_\_\_ P:C7025  
 0.90mm (with shrapnel) \_\_\_\_\_ Color(Housing): 1:Black  
 L: LCP

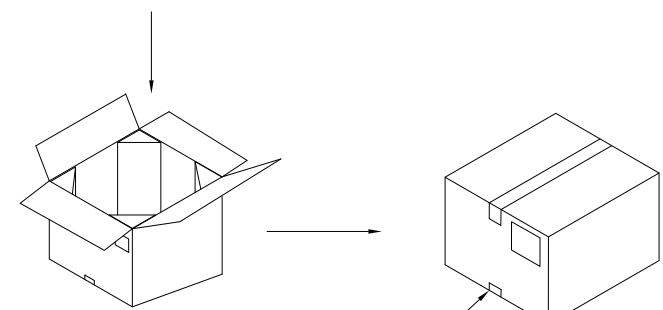
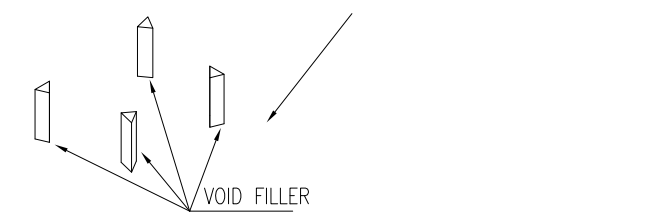
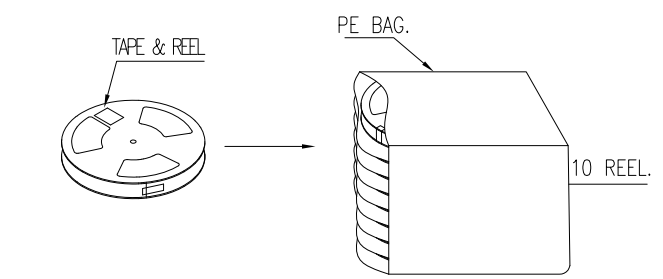
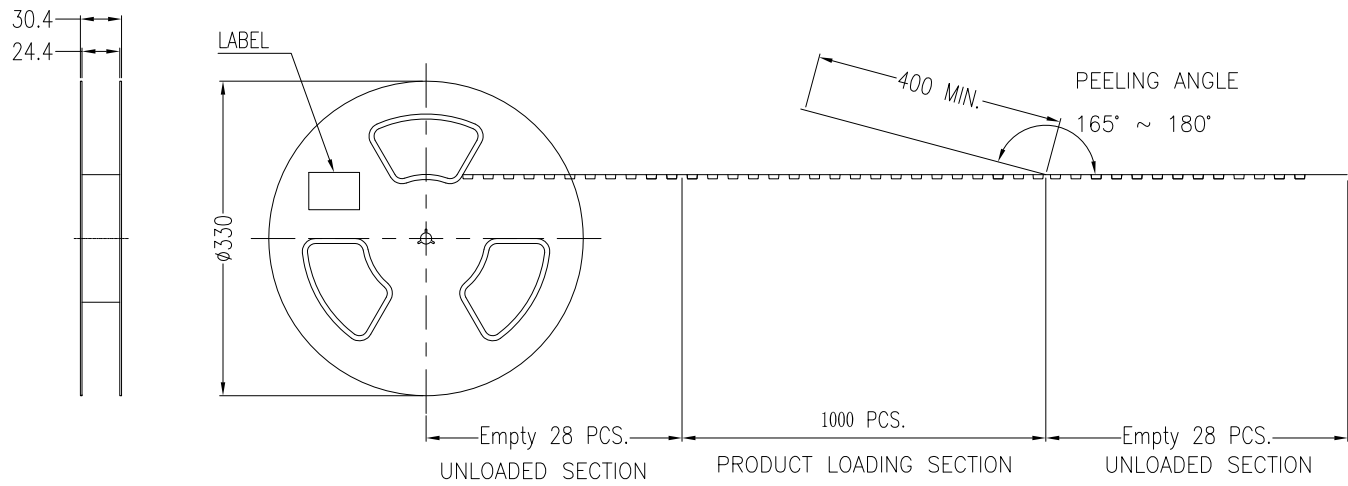


REV	Modify Plating, Add packaging spec		Drawing By	Date	WIN WIN PRECISION IND. CO., LTD.	
Units	mm	Scale	1:4	ZCC	09/01-'21	TEL: 886-2-22994155 FAX: 886-2-22994157
Tolerance Unless Otherwise Specified			Reviewed By	Date	Date	Title USB Type-C F 2.0 16pin I=7.35 GH=1.68 SMT TYPE 外壳脚长0.90mm(有弹片)
.X ±0.35			Charles	09/01-'21	Sheet	
.XX ±0.25			Approval By	Date	1 of 2	
.XXX ±0.15			Nancy	09/03-'21	Third Angle Projection	
Angle ± 3°					Drawing No.	WU3CR-16PS-AN-N038

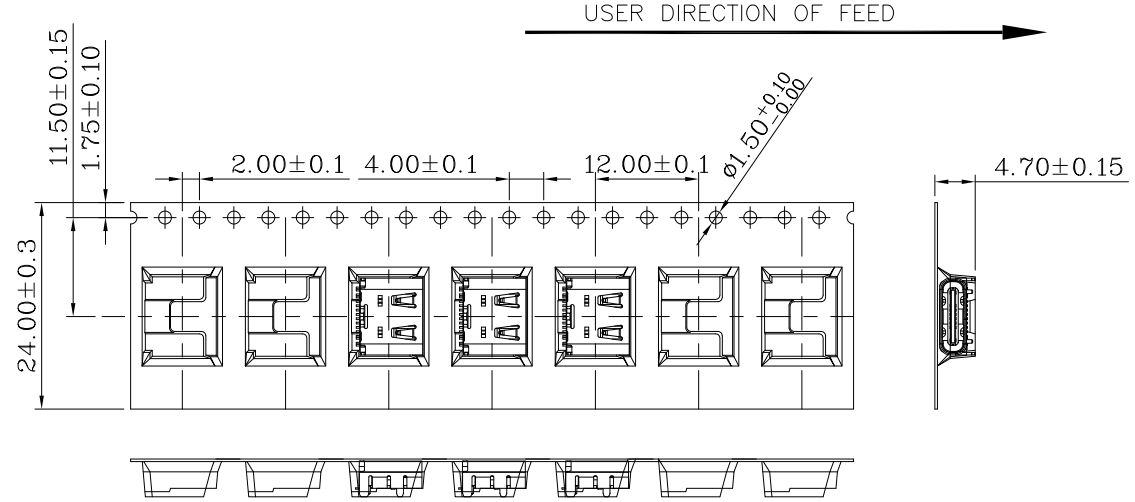


REV B

REV.	ECN.NO.	DATE
A	RELEASED	03/05-'20
B	Modify Plating, Add packaging spec	09/01-'21



BOX DIMENSIONS:  
335\*335\*300



NOTE:  
1. MATERIAL:

- BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL.
  - TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, TRANSPARENT COLOR.
  - REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
  - BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
2. EACH BAG SHALL BE INCLUDED DESICCANT.

1000	10	10000 PCS	-- KG	-- KG
PCS/REEL	REELS/CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

REV	Modify Plating, Add packaging spec		Drawing By		Date	WIN WIN PRECISION IND. CO., LTD	
Units	mm	Scale	1:4	ZCC	09/01-'21	TEL: 886-2-22994155 FAX: 886-2-22994157	
Tolerance Unless Otherwise Specified				Reviewed By	Date	Date	09/01-'21
.X	±0.35	Charles	09/01-'21	Sheet	2 of 2	Title	USB Type-C F 2.0 16pin L=7.35 G=1.68 SMI TYPE 外壳脚长0.90mm(有弹片)
.XX	±0.25	Approval By	Date	Third Angle Projection		Drawing No.	WU3CR-16PS-AN-N038
.XXX	±0.15	Nancy	09/03-'21			REV	B
Angle	± 3°						