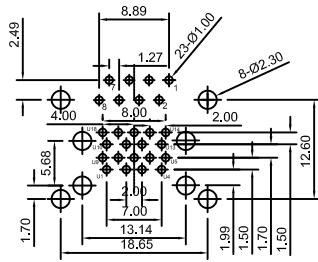
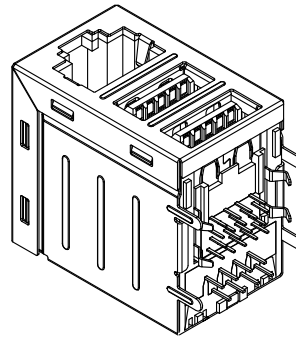
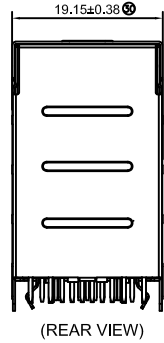
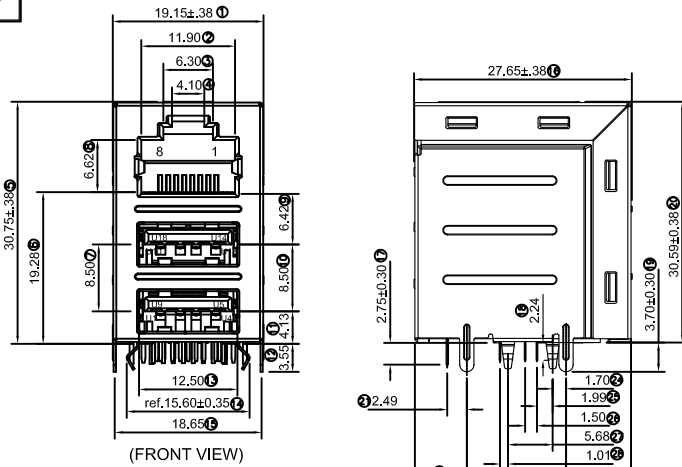


RoHS



PRODUCT LOCATION PROFILE

BOTTOM VIEW

USB3.0 STANDARD-A CONNECTOR PIN ASSIGNMENTS:

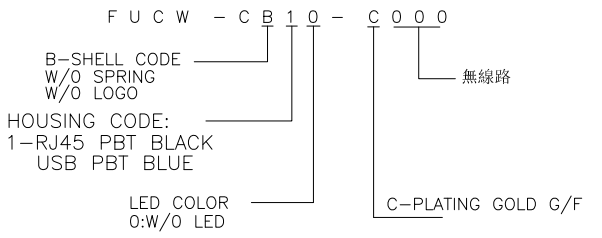
PIN NUMBER	SIGNAL NAME	DESCRIPTION
U1 & U10	VBUS	POWER
U2 & U11	D-	USB2.0 DIFFERENTIAL PAIR
U3 & U12	D+	
U4 & U13	GND	GROUND FOR POWER RETURN
U5 & U14	StdA_SSRX-	SUPERSPEED RECEIVER
U6 & U15	StdA_SSRX+	DIFFERENTIAL PAIR
U7 & U16	GND_DRAIN	GROUND FOR SIGNAL RETURN
U8 & U17	StdA_SSTX-	SUPERSPEED TRANSMITTER
U9 & U18	StdA_SSTX+	DIFFERENTIAL PAIR

8	—
7	—
6	RX-
5	—
4	—
3	RX+
2	TX-
1	TX+
RJ PIN序	说明

RECOMMENDED P.C.B. PATTERN LAYOUT TOP VIEW (ALL TOLERANCE ARE:0.05mm)

- RJ45
- Designed to support application, such as SOHO (ADSL modems) LAN-on-Motherboard (LOM), hub and Switches.
 - Meets IEEE802.3 specification.
 - Connector Material:
 - Housing & Insertion Base: Thermo plastics PBT+30%GF, UL94V-0.
 - RJ45 Terminal:
 - Phosphor Bronze C5191. Thickness=0.30mm.
 - Flash Gold plating on RJ45 contact area.
 - Tin Plating 100u" on solder tail area
 - 4.45u" min Ni underplating over all.
 - Shell: SPCC. Thickness=0.25mm. Nickel 30u" plating overall.
 - Electrical performance:

4-1. Voltage Current Rating	: 1.5 AMP. 30V AC
4-2. Insulation Resistance	: 1000M Ω Min.
4-3. Contact Resistance	: 40 m Ω Max.
4-4. Dielectric Withstanding Voltage	: 500V AC
4-5. Durability	: 750 cycles .
 - Operating temperature range : -20°C to +85°C.
Storage temperature range : 0°C to +70°C.
 - USB:
 - Material Specification:
 - Cover: PBT+30%G.F, UL94V-0. Color: blue.
 - Housing: PBT+30%G.F, UL94V-0. Color: blue.
 - Shell: SUS201 T=0.25.
 - Contacts: Brass (C2680) T=0.20.
 - Plating Specification:
 - Contacts: Au G/Fu" & 80u" matte Tin plated & 50u" Nickel plated
 - Front Shell: Nickel plating overall 20u"
 - Mechanical Performance.
 - Insertion Force: 3.5Kgf MAX.
 - Extraction Force: 1.0-3.5Kgf.
 - Durability: 750 cycles .
 - Electrical Performance:
 - Insulation Resistance: 100M MIN.
 - Dielectric Withstand Voltage: AC 100V for 1 minute.
 - Wave Solder: The Connector Shall Be mounted on the PCB.



REV.	ECN. NO.	DRAWN	DATE	EC.content
A.0	NEW	Candy	12/20/2024	-



QUALITY CONTROL ITEM	APPROVED	CHECKED	DRAWN

GENERAL TOLERANCE	PART NO.:
.X± 0.38 X: ± 2 .XX± 0.25 .X: ± 1 .XXX± 0.13	FUCW-CB10-C000
UNIT: mm	TITLE: RJ45+双层USB3.0无灯无弹
SCALE: 1:1	SHEET: 1/2
REV.: A.0	

SIZE: A4