

Pin Map to support one Type-C port

P11	P12	P13	P14	P15	P16	P17	P18	P19	P20
VBUS	TX2+	TX2-	GND	RX2+	RX2-	GND	D-	D+	CC2
SBU2	SBU1	CC1	VBUS	RX1-	RX1+	GND	TX1-	TX1+	VBUS
P10	P09	P08	P07	P06	P05	P04	P03	P02	P01

Pin Map to support two Standard-A ports

P11	P12	P13	P14	P15	P16	P17	P18	P19	P20
VBUS			GND			GND	D-	D+	
			VBUS	RX1-	RX1+	GND	TX1-	TX1+	VBUS
P10	P09	P08	P07	P06	P05	P04	P03	P02	P01

NOTES:

1. Material:

Insulator: LCP E130i+30%G.F., UL 94V-0 Rated.

Color: Black.

CAP: LCP E130i+30%G.F., UL 94V-0 Rated.

Color: Black.

Contact: Phosphor Bronze, C5210-EH T=0.15mm.

Plating: Gold Plating over Nickel 50u" Min. on Contact Area;

Tin 80u" Min. Plating over Nickel 50u" Min. on Solder Tail.

Shell: Stainless Steel, SUS304-H T=0.15mm.

Plating: Tin 80u" Min. Plating over Nickel 50u" Min.

2. Mechanical:

Insertion Force: 35N Max.

Withdrawal Force: 15N Min.

Durability: 50Cycles.

3. Electrical Specification:

Current Rating: 0.5A per Contact.

LLCR: 50mΩ per Pin Max.

LLCR 10mΩ Max Change of all Pins.

Insulation Resistance: 100MΩ Min.

Dielectric Withstanding Voltage: 300V AC R.M.S.

4. Environmental:

Operating Temperature: -55°C to +85°C.

Soldering Temperature: 265°C±5°C for 10Seconds Max.

If EMI Shell Solder Lead is Connected to The Adjacat GND Pin

Viatrace, Need to Be Isolated by Solder Resist.

Part Number:

CU3E-R20SSG0-AB

USB3.2 E Type Series

R: Receptacle

20: 20Pins

S: Straddle Type

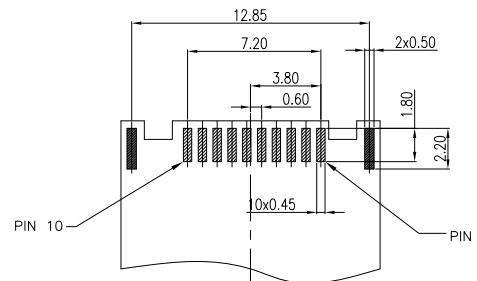
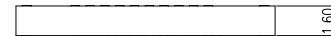
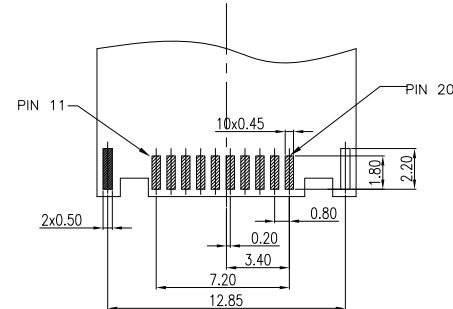
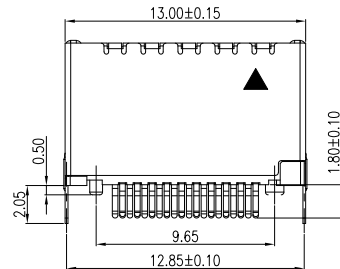
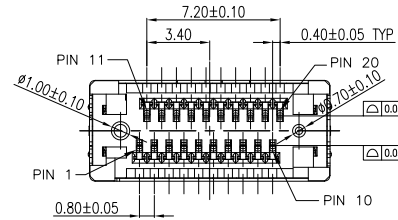
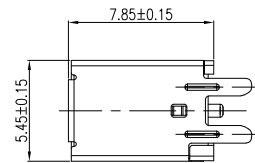
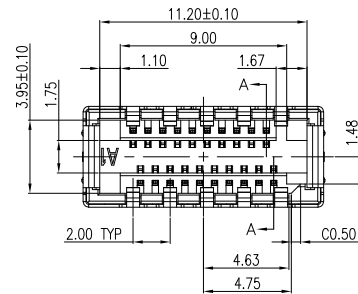
B: Straddle for 1.6mm PCB

A: A Key

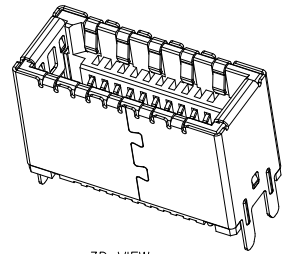
0: Black Color

G: Gold Flash

S: SMT Type



RECOMMEND PCB LAYOUT



3D VIEW

A	02/08/23	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
DECIMALS ANGLES		APPROVALS	DATE
.X ± .38		DRAWN Chris	02/08/23
.XX ± .25		CHECKED Cindy	02/08/23
.XXX ± .20		APPV Jason	02/08/23
DO NOT SCALE DRAWING		SHEET 1 OF 1	SCALE NONE
		DWG. NO.	CU3E-R20-0AB
		REV.	A



凱聯科技股份有限公司
Conn-Link Technology Inc.

DESCRIPTION USB 3.2 E Type, Receptacle, 20Pins, Straddle Type, SMT, Gold Flash, for 1.6mm PCB, With Posts, LCP, Black Color