

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND

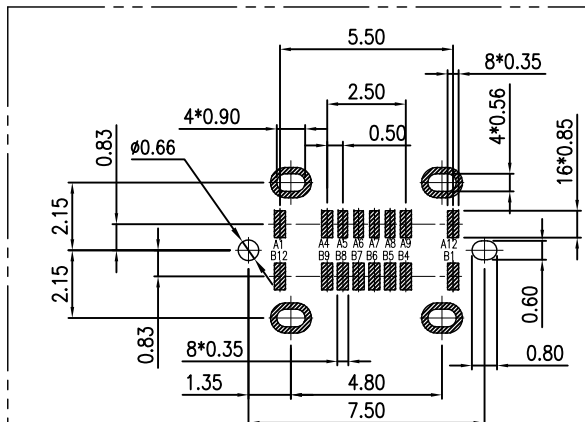
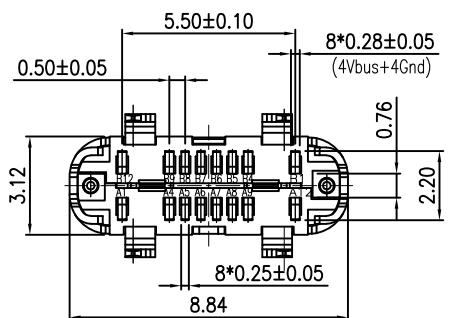
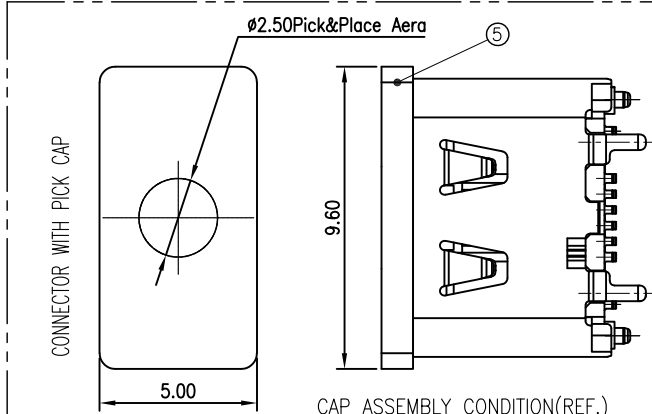
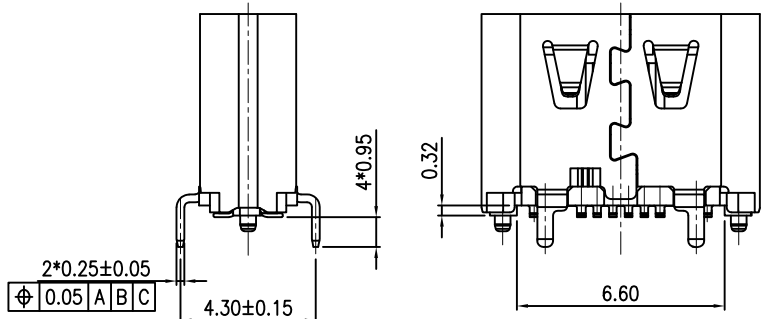
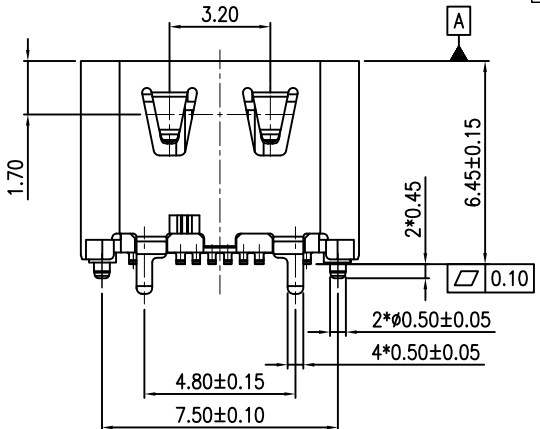
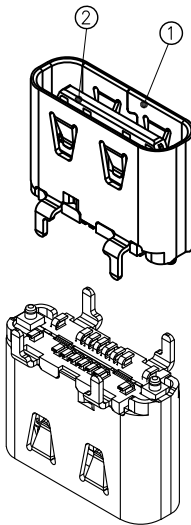
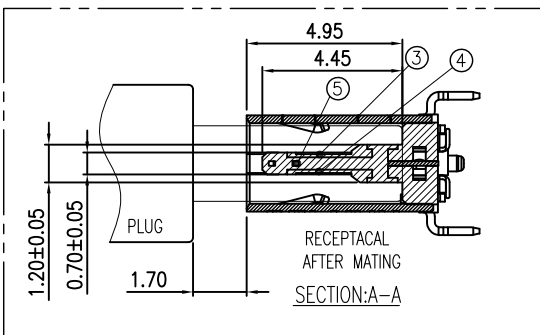
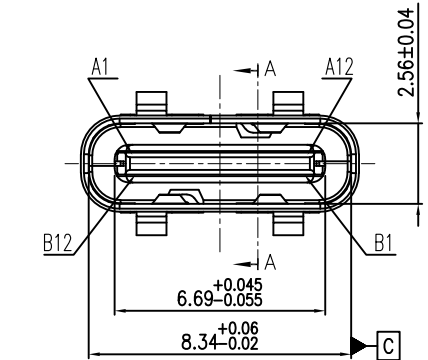
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	FIRST RELEASE	ERIC	2025.10.29

SPECIFICATION:

1. ELECTRICAL CHARACTERISTICS:
1-1. CURRENT RATING:5.0A,VOLTAGE RATING:5.0V AC
1-2. CONTACT RESISTANCE: 40mOHMS MAX INITIAL.
1-3. INSULATION RESISTANCE: 100MOHMS Min.
1-4. DIELECTRIC WITHSTAND: 100V AC for 1 MINUTE
2. MECHANICAL CHARACTERISTICS:
2-1. INSERT FORCE: 5-20N
2-2. WITHDRAW FORCE: 8-20N(INITIAL), AFTER DUABILITY: 6-20N Min
2-3. DURABILITY:10000CYCLES;
3. TEMPERATURE RANGE: -40 °C ~ 85 °C
- 4.PART NO.:

TCR41-65111602-H2

TC=TYPE.C CONN
R=RECPACLE
Product Order
65:HEIGHT ON BOARD 6.45mm
1=BLACK
1= WithPOST
H2= Services NO.
SEE TABLE
02=3u" Au Plating
On Contact Area
Pin NO. 16=16Pin



RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)
PWB TOLERANCE: ±0.05

⑤	CAP	1 PCS	LCP	UL94V-0,COLOR:BLACK;
④	MID PLATE	2 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
③	CONTACT	1 SET	C18140	Ni 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
②	HOUSING	1 PCS	THERMOPLASTIC	COLOR: SEE TABLE
①	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH

UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD			
DECIMALS:		TITLE			
X :±0.50		Type.C 16PIN Vertical CONN. RECPTACLE			
X.X :±0.30		DWN	Johnie	PART NO. TCR41-65111602-H2	
X.XX :±0.20		CHKD	Kevin.d	SCALE:1:1	UNIT: mm
X.XXX :±0.10		APVD	Simon.Mo	SIZE: A4	SHEET:10F2
		DRAW NO. C-DWG-TCR41-H2		CUSTOMER COPY	

