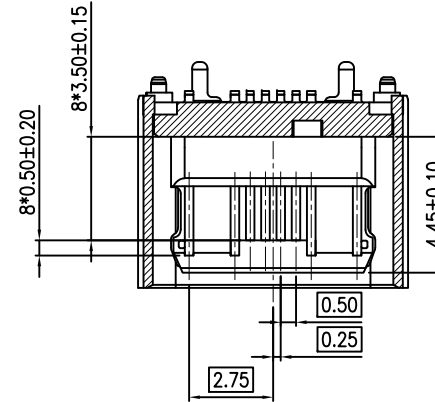
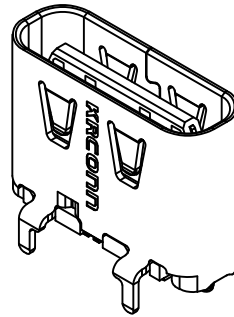
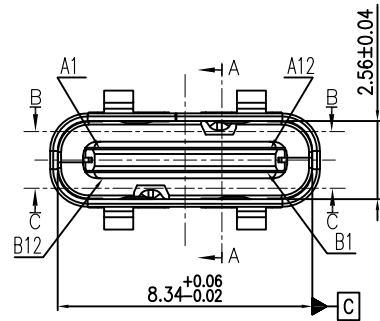
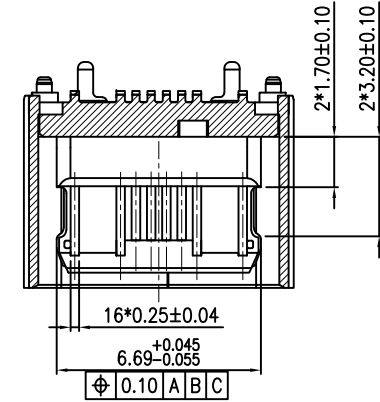
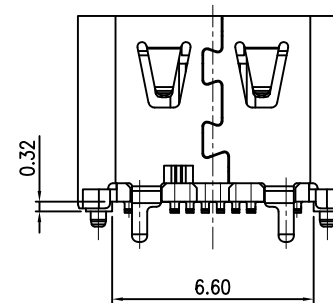
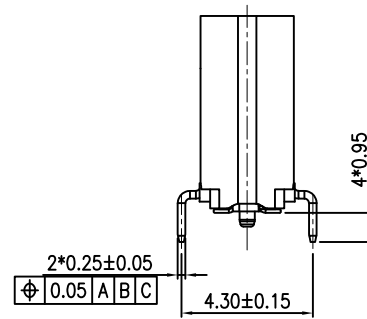
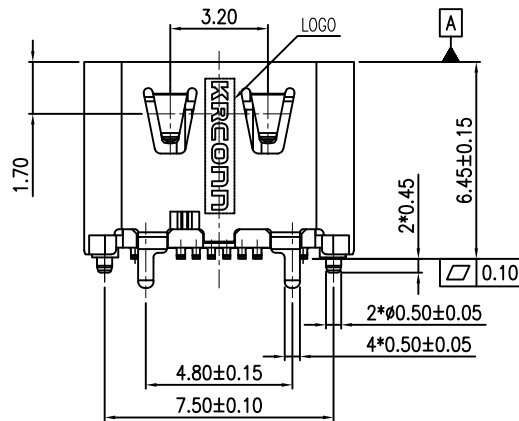




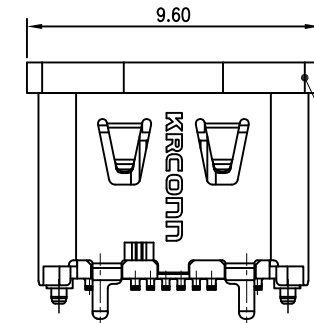
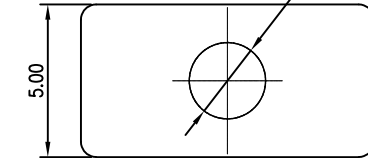
SECTION:B-B



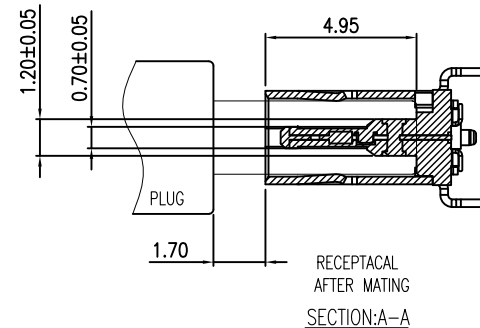
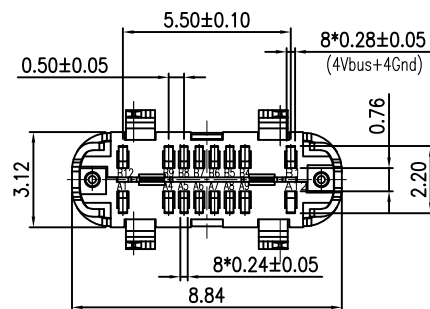
SECTION:C-C



CONNECTOR WITH PICK CAP Ø2.50Pick&Place Aera



CAP ASSEMBLY CONDITION(REF.)



UNLESS OTHERWISE SPECIFIED TOLERANCES		深圳市精睿兴业科技有限公司 SHENZHEN KRCONN TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	Type.C 16PIN Vertical CONN. RECPTACLE		
X :±0.5	X :±2°	DWN Johnie	PART NO. TCR41-65111602-H1		
X.X :±0.30	X.X :±1°	CHKD Kevin.d	SCALE:1:1	UNIT: mm	APVD Simon.Mo
X.XX :±0.20		APVD Simon.Mo	SIZE: A4	SHEET:10F2	REV: A
X.XXX :±0.10		DRAW NO. C-DWG-TC41-H1	CUSTOMER COPY		



RoHS
Compliant
2011/65/EU



RoHS
Compliant
2011/65/EU

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	2023.11.01

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;

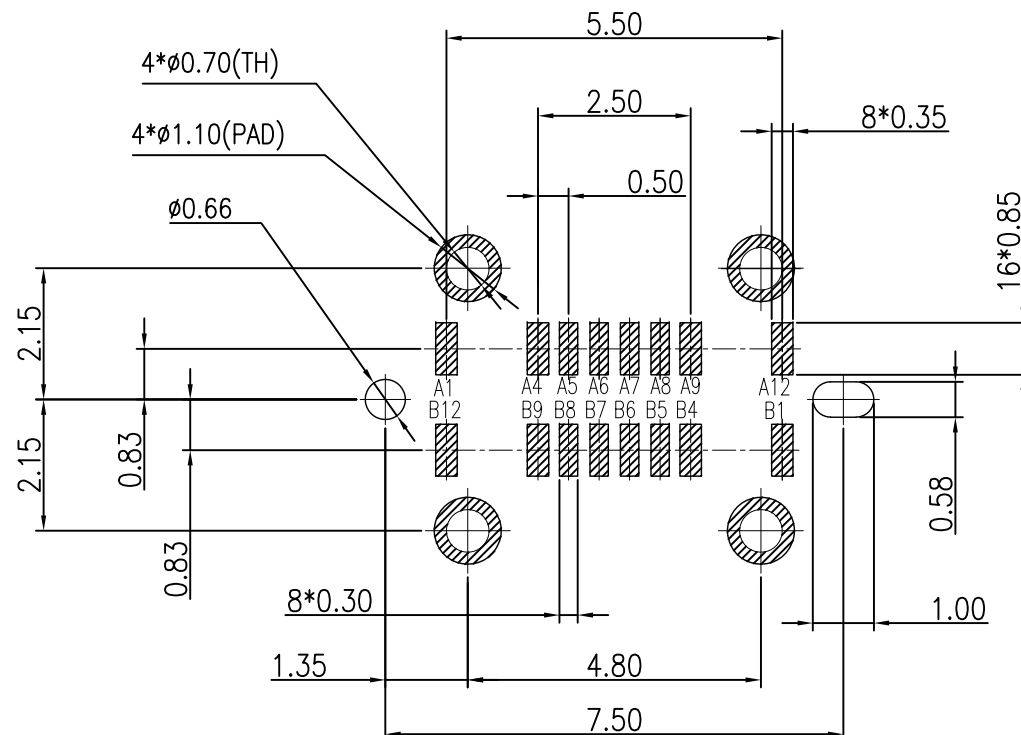
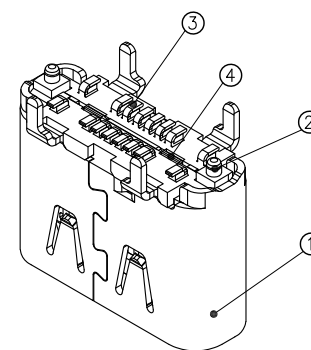
3. TEMPERATURE RANGE: -40 °C ~ 85 °C

4.PART NO.:

TCR41-65 1 1 16 02-H1

PRODUCT ORDER

HEIGHT ON BOARD 65=6.45mm
COLOUR/1=BLACK HOUSING
POST/1=WithPOST
Pin Number./16=16Pin
Plating On Contact Area./02=Au3u"
Services Number.



RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)

PWB TOLERANCE: ±0.05

⑤	CAP	1 PCS	LCP	UL94V-0,COLOR:BLACK;
④	MID PLATE	2 PCS	SUS301-H	NO SURFACE TREATMENT
③	CONTACT	1 SET	C1814 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
②	HOUSING	1 PCS	PA10T	COLOR: SEE TABLE
①	SHELL	1 PCS	SUS304-3/4H	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:		ANGLES:		TITLE
X :±0.5		X :±2°		Type.C 16PIN Vertical CONN. RECPTACLE
X.X :±0.30		X.X :±1°		DWN Johnie
X.XX :±0.20		X.XXX :±0.10		CHKD Kevin.d
X.XXX :±0.10				APVD Simon.Mo
				DRAW NO. C-DWG-TC41-H1
				CUSTOMER COPY