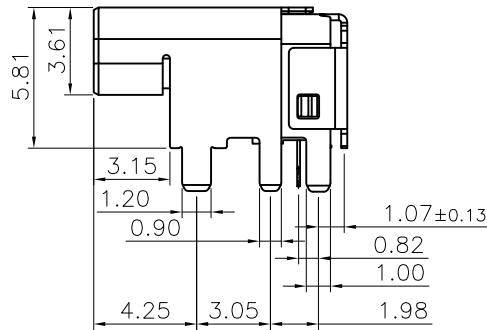
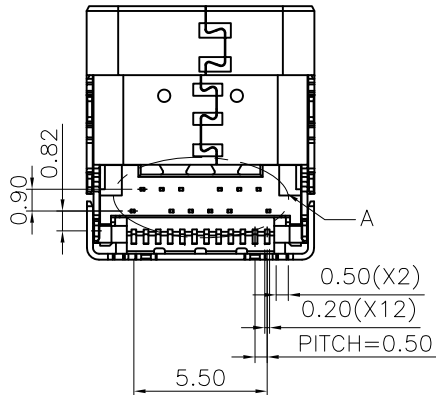
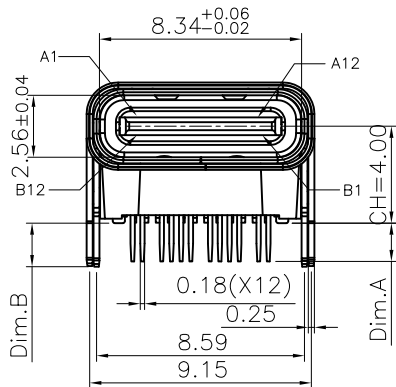
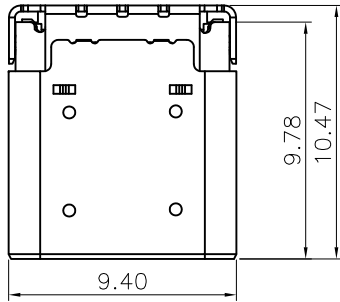
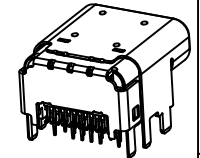
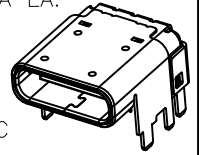


SECTION:A-A

Specifications:
Current Rating: VBUS and GND Contacts 1.25A EA.
Paralleled for a Total of 5A
Contact Resistance: 40m ohm.Max
Insulation Resistance: 100M ohm.Min
Withstanding Voltage: 100V AC/Minute
Operating Temperature Range: -40°C ~ +85°C

Material And Finish:
Insulator: High Temp. Plastic (UL94V-0)
Insulator Color: Black
Contact: Copper Alloy
Plated: Contact Area 30u" Gold Plated
Shell: Metal, Ni Plated

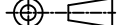


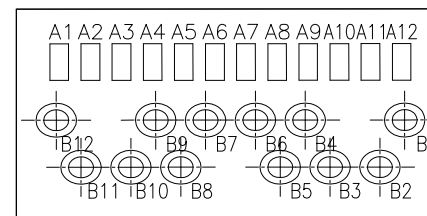
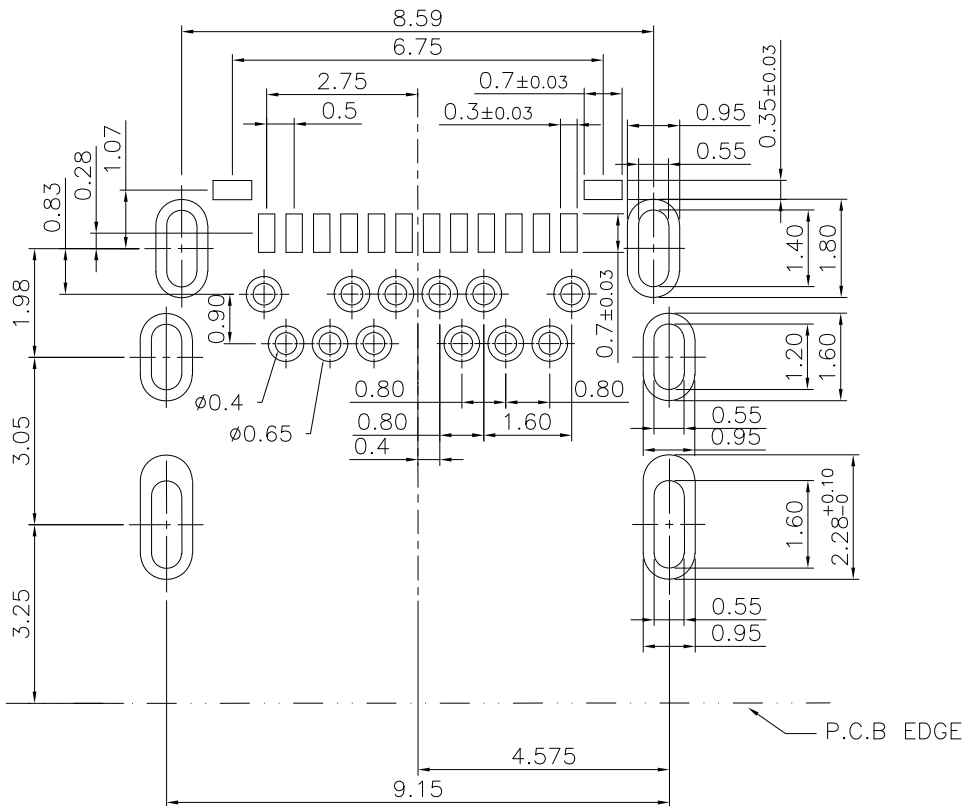
PART NO.	Dim.A	Dim.B
C-ARA1-AK515-1	1.2	1.8
C-ARA1-AK511-1	1.6	1.8
C-ARA1-AK512-1	1.4	1.4

Table A:

Pin No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
Signal Name	GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
Pin No.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
Signal Name	GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND

RoHS Compliant

				DRAWN:	GENERAL TOLERANCE:	CnC Tech Industrial Cable and Connector Technology		SIZE
				LISY	.X=±0.30 .XX=±0.25 .XXX=±0.13			
				CHECKED:	UNIT: MM	DESCRIPTION: USB Type C Female 24PIN R/A CH4.0mm		A4
				JERRY	SCALE:1:1			
A	04-MAY-2023			APPROVAL:	SHEET: 1 / 2	PART NO: C-ARA1-AK51X-1		
REV	DATE	FILE	BY	RORY	PROJECTION: 			



PCB Layout
Thickness is 1.0mm
Tolerance+/-0.05

RoHS Compliant

				DRAWN: LISY	GENERAL TOLERANCE: .X=±0.30 .XX=±0.25 .XXX=±0.13	CnC Tech Industrial Cable and Connector Technology	
				CHECKED: JERRY	UNIT: MM	DESCRIPTION: USB Type C Female 24PIN R/A CH4.0mm	SIZE A4
					SCALE:1:1		
A	04-MAY-2023			APPROVAL: RORY	SHEET: 2 / 2	PART NO: C-ARA1-AK51X-1	
REV	DATE	FILE	BY		PROJECTION:		