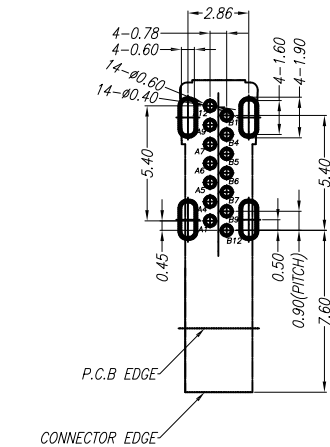


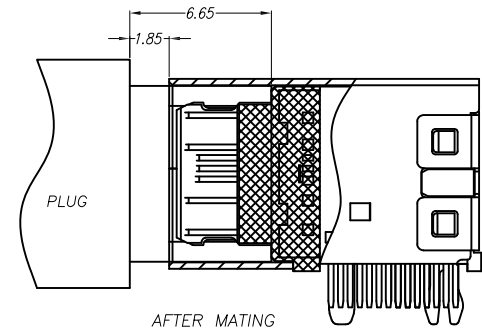
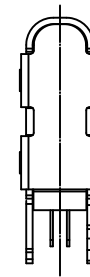
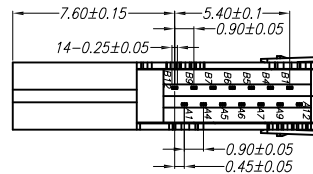
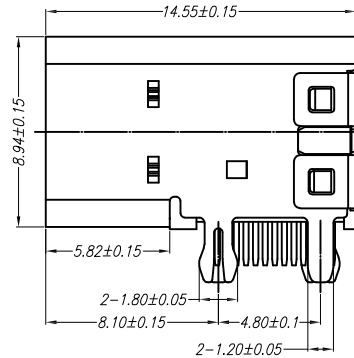
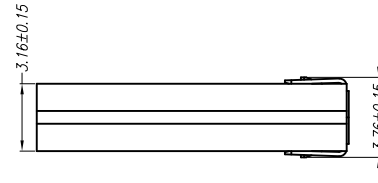
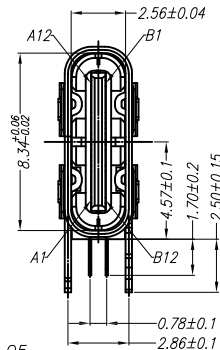
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/28/23	
A		UPDATE TITTLE	7/4/24	LH/RC



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.6±0.10MM;DEFAULT TOLERANCE:±0.05



SPECIFICATIONS:

Material:

Insulator: Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Mid plate: Stainless steel

Front shell: Stainless steel, Nickel plated

EMI plate: Stainless steel

Plating:

Gold flash over Nickel underplate on contact area

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 5.0V

Current rating: 5.0A

Insulation resistance: 100 Mohms min

LLCR: VBUS&GND Pins and other pins: 40mohm/pin Max

Shield: 50mohm/Max

LLCR Max change of all pins: 10 mohm

Dielectric withstanding voltage: 100 VAC for 1 minute

Mechanical:

Insertion force: 0.5~2.0 kgf

Removal force: 0.8~2.0 kgf

Durability: 10000 cycles

Temperature Rating:

Operating temperature: -25°C to +85°C

Environmental:

Lead free, RoHS compliant



USB TYPE-C PIN ASSIGNMENTS			
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1		
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
		B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM	ANGLE
X ± .35	X ± 2°
.X ± .25	X ± 1.5°
.XX ± .15	

DRAWN	WX	6/28/23
CHECKED	LW	6/28/23
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH



TITLE
UNIVERSAL SERIAL BUS, TYPE C, FEMALE
UPRIGHT THRU-HOLE, RIGHT ANGLE, BLACK
TRANSMISSION EFFICIENCY: 480Mbps

SIZE X	PART NO. USB-C20-S-RU-CS2A-BL-BK	REV. A
REF: S00005C	SCALE: NTS	SHEET 1 OF 1