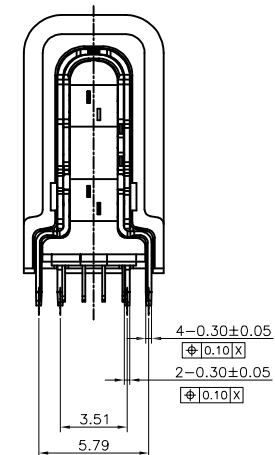
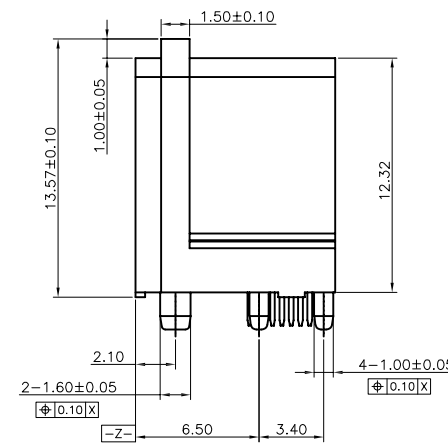
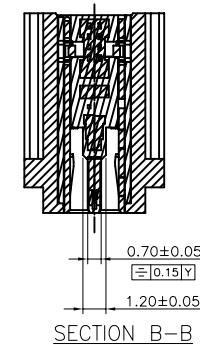
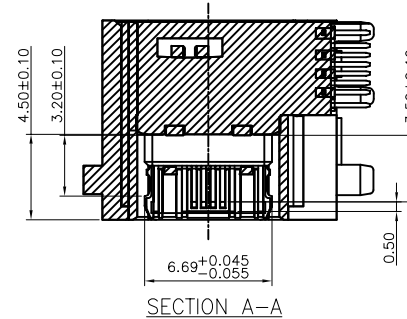
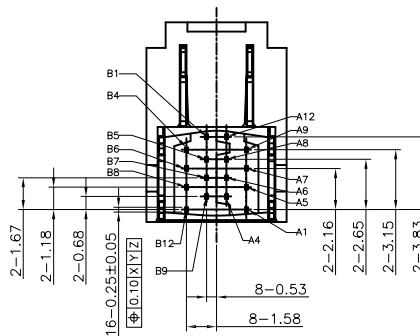
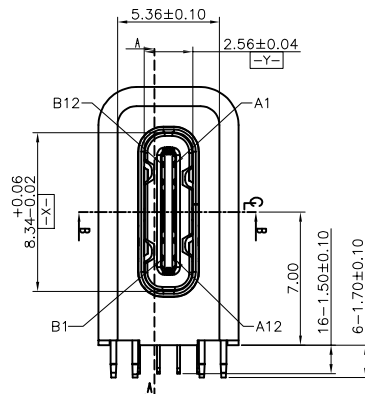
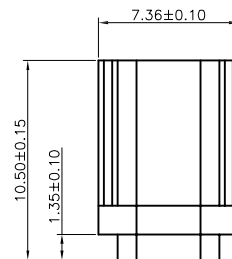
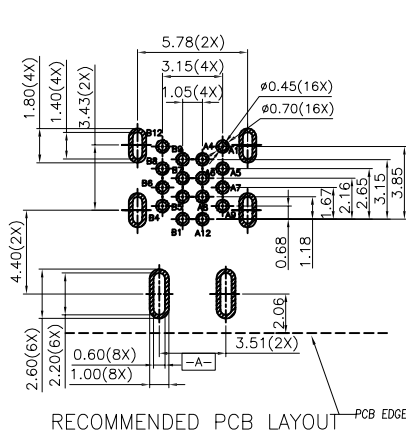


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/8/21	
A		UPDATE TITTLE	7/4/24	LH/RC
B		UPDATE DRAWING	6/25/25	LW1/AY1



SPECIFICATIONS:

Material:

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

Insulator color: Black

Contacts: Copper Alloy

Mid plate: Stainless Steel, Nickel plated

Shell: Stainless Steel, Nickel plated

Plating:

15u" Gold over Nickel underplate on contact area

Matte Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 20V

Current rating: 5A (A4, A9, B4, B9 pins)

1.25A (B5 pin)

0.25A (other pins)

Contact resistance:

40 mohms max (VBUS/GND/other pins)

50 mohms max (Shield)

10 mohms max (LLCR Max, Change of all Pins)

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 100V AC for 1 Minute

Mechanical:

Mating force: 5~20N

Unmated force: 8~20N (Initial)

6~20N (After test)

Durability: 10,000 Cycles

Temperature Rating:

Operating temperature: -25°C to +85°C

Environmental:

Lead free, RoHS compliant



PIN ASSINGMENT											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	Dp1	Dn1	SBU1	VBUS			GND
GND			VBUS	SBU2	Dn2	Dp2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PACKAGED ON TAPE & REEL

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

MM
.X ± .30
.XX ± .20
.XXX ± .10

ANGLE

DRAWN	WX	11/8/21
CHECKED	RC	11/8/21
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-CS3-BK-15-T/R	REV. B
REF: S00220C	SCALE: NTS	SHEET 1 OF 1