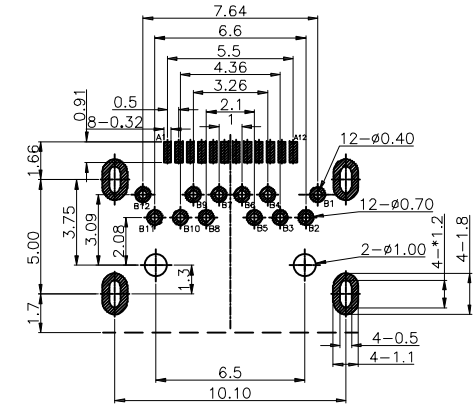
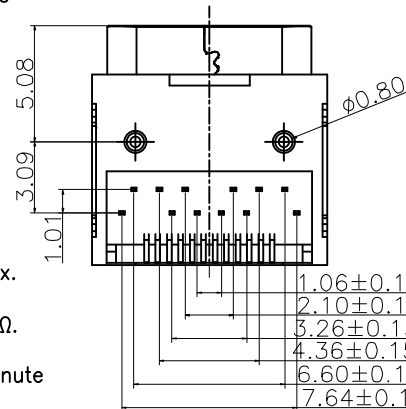
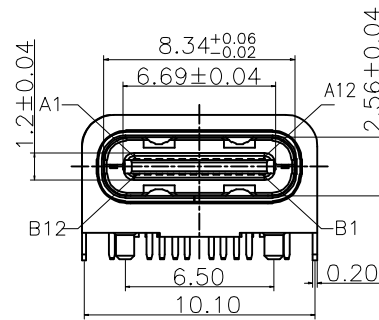
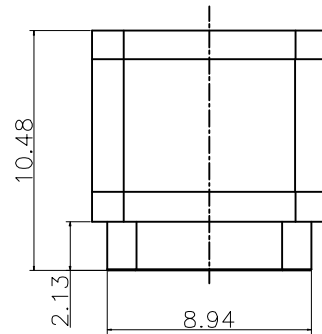


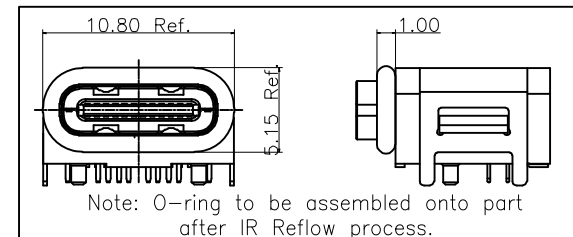
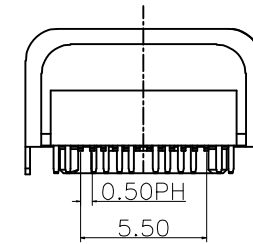
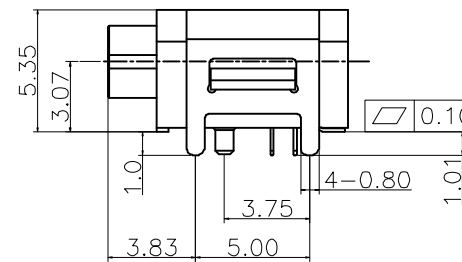
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	1/22/24	



RECOMMENDED PCB LAYOUT



A1	GND	B12	GND
A2	SSTXP1	B11	SSTXP1
A3	SSTXN1	B10	SSTXN1
A4	VBUS	B09	VBUS
A5	CC1	B08	VBUS
A6	DP1	B07	DN2
A7	DN1	B06	DP2
A8	SBU1	B05	CC2
A9	VBUS	B04	VBUS
A10	SSRXN2	B03	SSRXN2
A11	SSRXP2	B02	SSRXP2
A12	GND	B01	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

SPECIFICATIONS:

Material:

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

Insulator color: Black

Run-Ring: Silica gel, Color: Black

Contacts: Phosphor bronze

Shield: Stainless Steel, Nickel Plated

Plating:

Gold flash over Nickel underplate overall

Electrical:

Voltage rating: 5.0 V

Current rating: 3.0 A

LLCR:

VBUS & GND Pins and other Pins: 40mΩ/pin Max.

Shield: 50mΩ/Max.

LLCr Max. Change of all pins: 10mΩ.

Insulation resistance: 100 Mohms min

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:

Waterproof: IPX7

Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

TRANSMISSION EFFICIENCY: 480M

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

MM	ANGLE
.X ± .35	X' ± 3°
.XX ± .25	.X' ± 1.5°

DRAWN	WX	1/22/24
CHECKED	RC	1/22/24
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, 2.0 24PIN, R/A
SMT, WATERPROOF: IPX7, BLACK INSULATOR

SIZE X	PART NO. USB-C20-S-RA-CS52-WP-BK-T/R	REV. -
REF: S00192C	SCALE: NTS	SHEET 1 OF 1