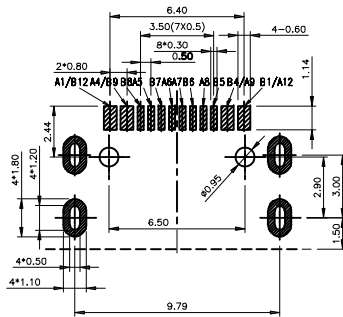


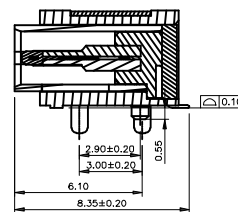
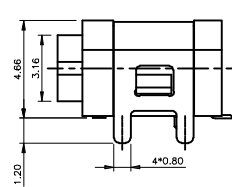
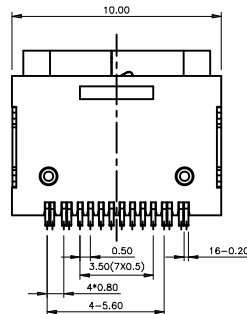
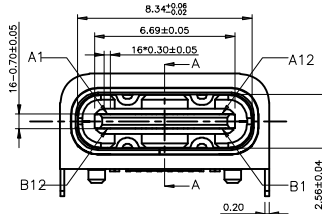
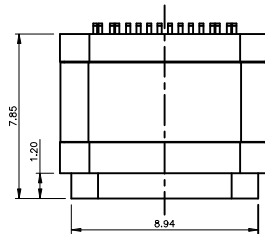
APPROVED: _____

DATE: _____ TITLE: _____

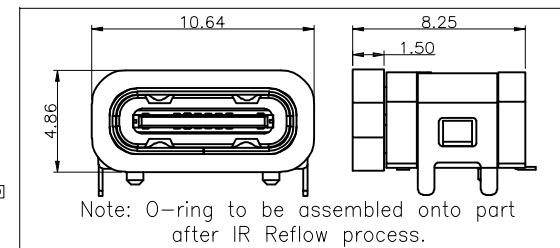
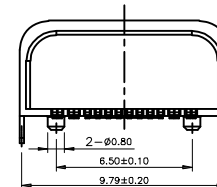
Rev	AWO #	Description	Date	Appr
-		RELEASED	1/22/24	



RECOMMENDED PCB LAYOUT



SECTION A-A



PIN ASSIGNMENT

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

SPECIFICATIONS:

Material:

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

Insulator color: Black

Run-Ring: Silica gel, Color: Black

Contacts: Brass

Shield: Stainless Steel, Nickel Plated

Plating:

Gold flash over Nickel underplate overall

Electrical

Voltage rating: 30 VAC

Current rating: 3.0A Max

Contact resistance: 40 mohms max

Insulation resistance: 100 Mohms min

Mechanical:

Insertion Force: 6N~20N

Removal Force: 8N~20N

Durability: 10,000 Cycles

Temperature Rating:

Operating temperature: -30°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		
63<X	MM	± .50
16<X<63		± .40
4<X<16		± .30
X≤4		± .20
	ANGLE	±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

ADAM
TECH

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Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE
UNIVERSAL SERIAL BUS TYPE C, 2.0 16PIN R/A
SMT, WATERPROOF: IPX7, BLACK INSULATOR

SIZE X	PART NO. USB-C20-S-RA-CS22F-SMT-WP-BK-T/R	REV. -
REF: S00192C	SCALE: NTS	SHEET 1 OF 1