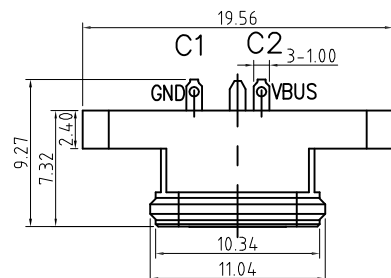


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/19/22	
A		UPDATED TITTLE	1/22/24	WX/RC
B		UPDATED TITTLE	3/8/24	LH/RC
C		UPDATED TITTLE	8/19/24	LH/RC

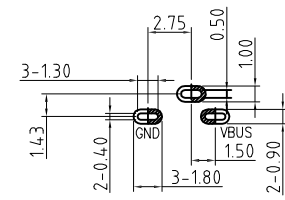
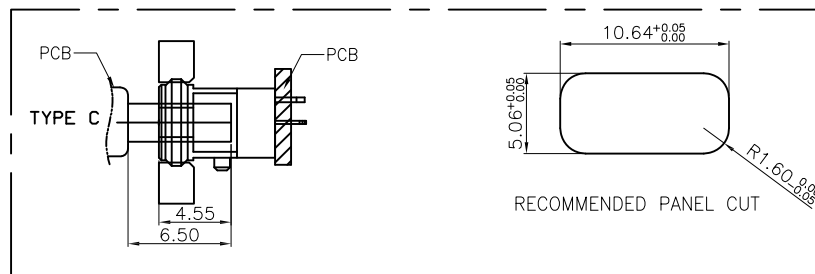
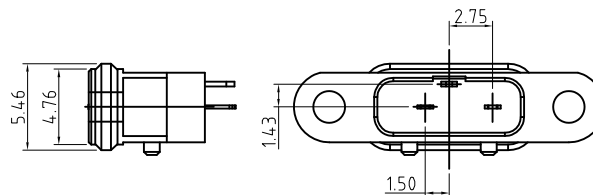
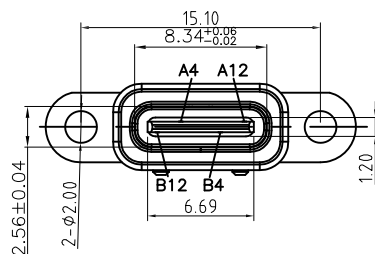


INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
			VBUS								GND
GND								VBUS			
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A12&B12	A4&B4
SINGAL NAME	GND	VBUS
PCB PAD NO.	C1	C2



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

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

Housing color: Black

Contacts: Phosphor bronze

Shell: Stainless, Nickel plated

Plating:

Gold flash over Nickel underplate overall

Electrical:

Current rating: 3.0A Max

Contact resistance: 40 mohms max

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 100 VAC

Mechanical:

Insertion: 5~20N

Extraction: 8~20N

Durability: 5,000 Cycles

Temperature Rating:

-30°C to +85°C

Environmental:

Water proof: IPX8

Lead free, RoHS compliant.



NOTE: USE FOR CHARGING PURPOSES ONLY

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED			ADAM TECH		909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710	
X	MM	± 0.50				
.X		± 0.35				
.XX		± 0.25				
.XXX		± 0.10				
DRAWN			JJ	4/19/22	TITLE UNIVERSAL SERIAL BUS TYPE C 2.0, RECEPTACLE VERTICAL THROUGH HOLE, POWER, 3P, IPX8	
CHECKED			YC	4/19/22		
APPROVED						
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH					SIZE X	PART NO. USB-C20-S-VT-CS15-WP-BK
					REV. C	
REF: S00087T			SCALE: NTS		SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Adam Tech:](#)

[USB-C20-S-VT-CS15-WP-BK](#)