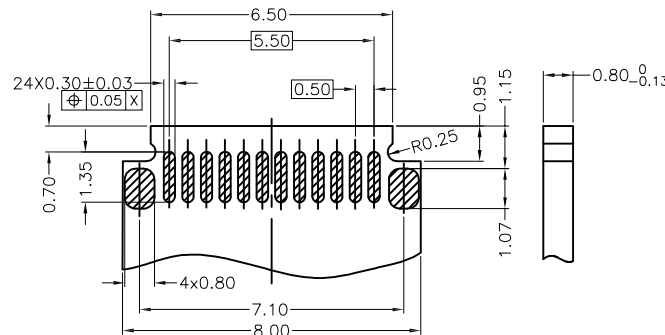
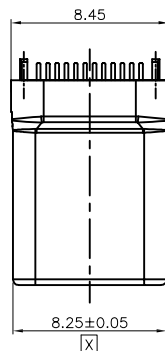
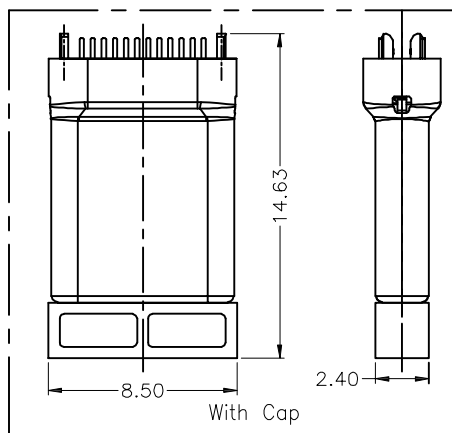


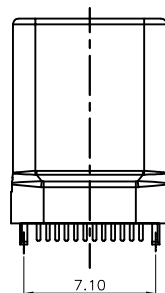
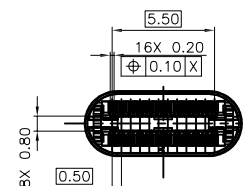
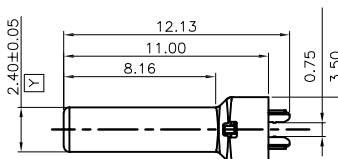
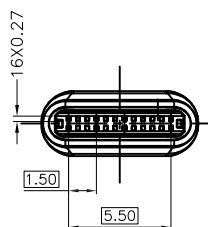
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/8/21	
A		UPDATE TITTLE	7/4/24	LH/RC
B		UPDATE DRAWING	12/10/24	WY/LZ



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

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

Insulator color: Black

Contacts: Copper Alloy

Shell: SUS316L, Nickel plated

Latch: SUS301, Nickel plated

Plating:

Gold flash over Nickel underplate on contact area,

Matte Tin over Nickel underplate on solder tails

Electrical:

Current rating: 3A for Vbus Pin, 1.25A for Vconn Pin

Contact resistance: 40 mohms max for initial

10 mohms change after test, Measure@ 20mV, 100mA

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 300 VAC r.m.s. 0.5mA 0.01s

Mechanical:

Insertion Force: 5~20N

Withdrawal Force: 8~20N Initial, 6~20N After

Durability cycles: 10000 cycles

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant



A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	Vbus	SBU1	DN	DP	CC1	Vbus	TX1-	TX1+	GND
GND	TX2+	TX2-	Vbus	CC2	DP	DN	SBU2	Vbus	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

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

MM	ANGLE
.X ± .25	X. ± 2°
.XX ± .20	.X ± 1°
.XXX ± .05	

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

ADAM
TECH

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

TITLE: UNIVERSAL SERIAL BUS, TYPE C, MALE PLUG,
STRADDLE MOUNT, BLACK INSULATOR
TRANSMISSION EFFICIENCY: 480Mbps

SIZE	PART NO.	REV.
X	USB-C20-PLUG-R-BK-HT-PP	B
REF:	S00005C	SCALE: NTS
		SHEET 1 OF 1