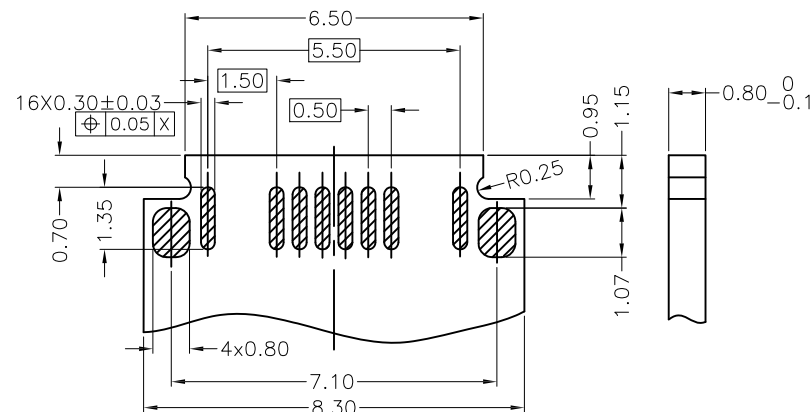
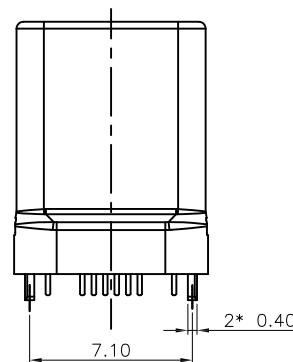
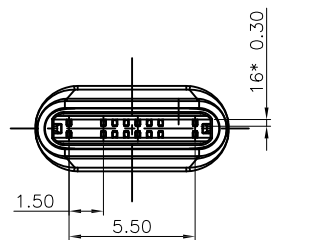
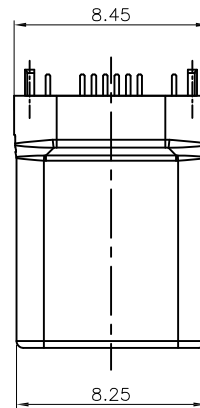
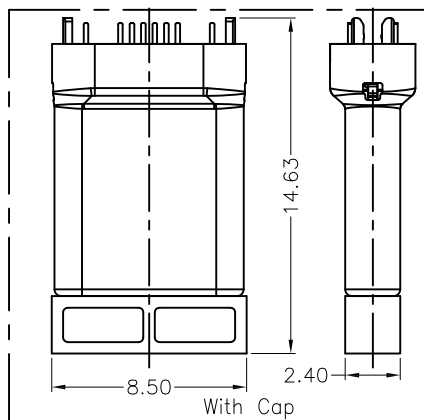


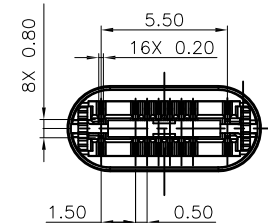
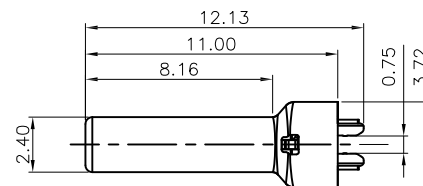
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/9/21	
A		UPDATE TITTLE	7/4/24	LH/RC



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

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

Insulator color: Black

Contacts: Copper Alloy

Shell: Stainless Steel, Nickel plated

Latch: Stainless Steel, Nickel plated

Plating:

Gold flash over Nickel underplate on contact area,

Matte Tin over Nickel underplate on solder tails

Electrical:

Current rating: 5A 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: 100 VAC r.m.s. 0.5mA 0.01s

Mechanical:

Insertion Force: 5~20N

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

Durability cycles: 10,000 cycles

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant



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	11/9/21
CHECKED	RC	11/9/21
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, MALE PLUG, STRADDLE MOUNT, BLACK INSULATOR TRANSMISSION EFFICIENCY: 480Mbps

SIZE	PART NO.	REV.
X	USB-C20-PLUG-R1-BK-HT-PP	-

REF: S00005C	SCALE: NTS	SHEET 1 OF 1
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