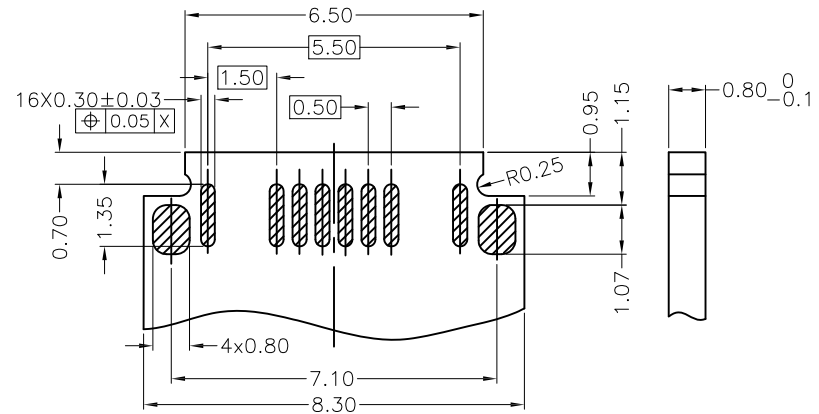
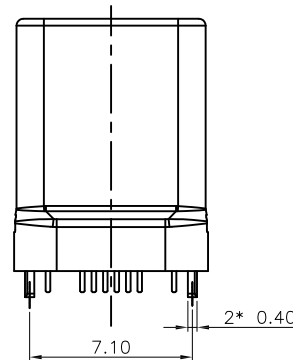
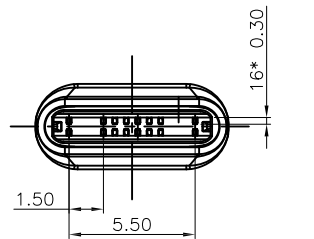
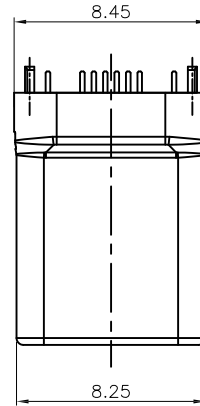
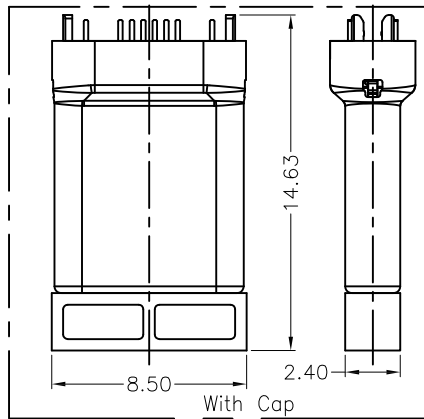


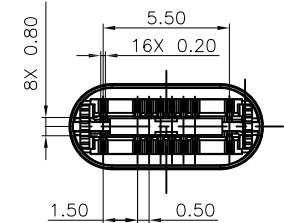
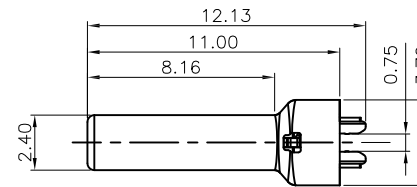
APPROVED: _____

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

ADAM TECH

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Union, NJ 07083
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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-R1-BK-HT-PP	-	
REF:	S00005C	SCALE:	NTS
SHEET		1 OF 1	