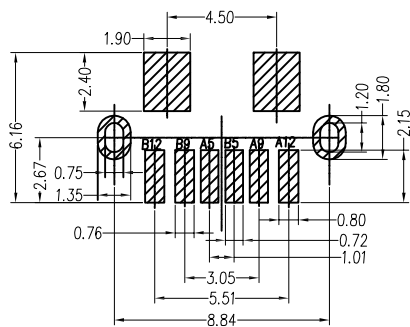


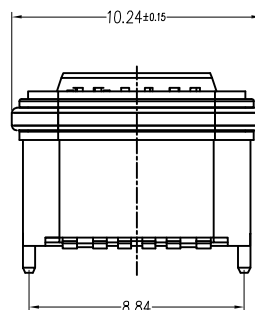
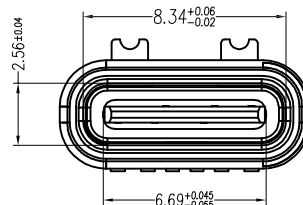
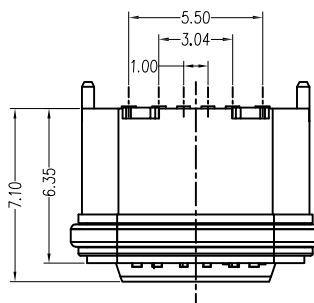
APPROVED: _____

DATE: _____ TITLE: _____

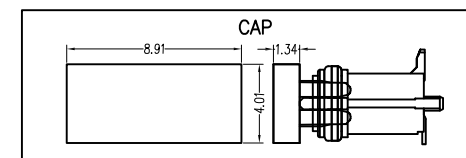
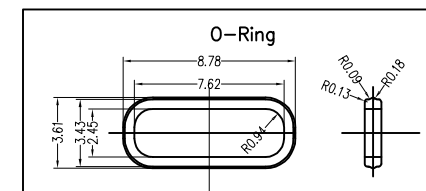
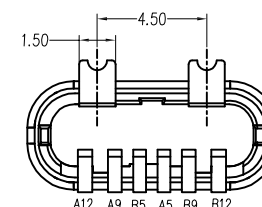
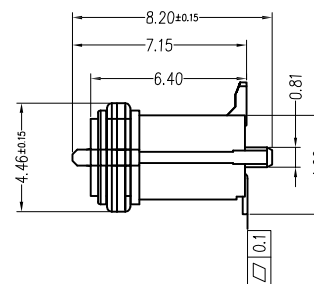
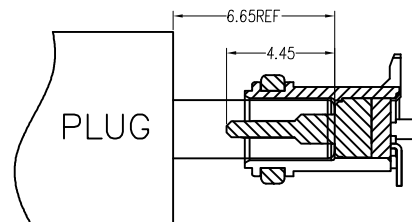


RECOMMENDED P.C.B LAYOUT

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME



Rev	AWO #	Description	Date	Appr
-		RELEASED	8/25/20	
A		UPDATE SPEC.	4/21/22	LH/LX
B		UPDATE TITLE	6/27/24	WX/RC
C		UPDATE TITLE	8/15/24	LH/RC
D		UPDATE DRAWING	12/11/24	WY/AC1



SPECIFICATIONS:

Material:

Insulator: (LCP) Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Copper Alloy

Shell: Zinc Alloy, Nickel plated

Plating:

Gold Flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Current rating: VBUS, AND, GND Contacts Rated @1.5A

Paralleled For A Total of 3A

Contact resistance: 40 mohms max

Dielectric withstanding: 100 VAC min

Mechanical:

Insertion: 5~20N

Extraction: 8~20N

Durability: 10,000 Cycles min

Temperature Rating:

Operating temperature: -40°C to +80°C

Environmental:

Waterproof: IPX7

Lead free, RoHS compliant.



PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010

DRAWN	LH	8/25/20
CHECKED	BL	8/25/20
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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Fax: 908-687-5710

TITLE
UNIVERSAL SERIAL BUS, TYPE C, RECEPTACLE
VERTICAL SMT, POWER, 6P, IPX7

SIZE X	PART NO. USB-C20-S-VT-CS7-WP-BK-PP-T/R	REV. D
REF: S00165C-1	SCALE: NTS	SHEET 1 OF 1