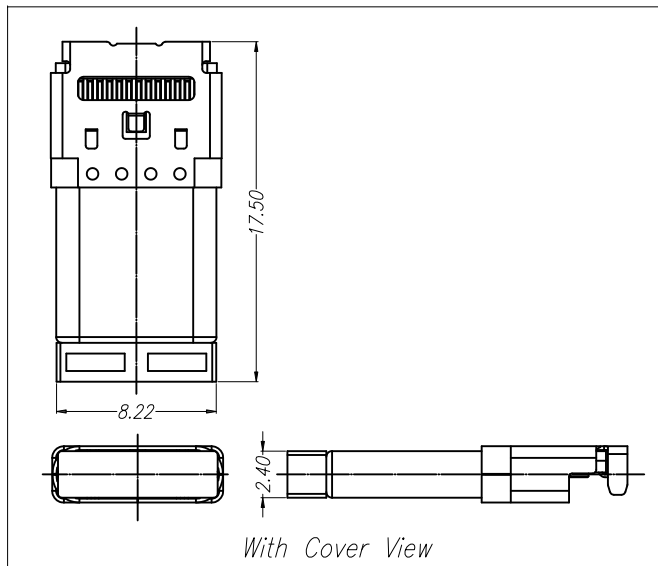


APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

| Rev | AWO # | Description  | Date    | Appr  |
|-----|-------|--------------|---------|-------|
| -   |       | RELEASED     | 2/17/22 |       |
| A   |       | UPDATE TITLE | 6/27/24 | WX/RC |



#### SPECIFICATIONS:

##### Material:

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

Insulator color: Black

Contacts: Copper Alloy

Shell: Stainless Steel, Nickel plated

Cover: Stainless Steel, Nickel plate

Mid plate: Stainless Steel, Nickel plate

EMI: Stainless Steel

##### Plating:

Gold flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

##### Electrical:

Voltage rating: 5.0V

Current rating: 5.0A for A4/A5/A9/B4/B9 Pin, 1.25A min for other Pins

Insulation resistance: 100 Mohms min

LLCR: VBUS&GND Pins and other pins:40mΩ/Pin Max.

Shield: 50mΩ/Max. LLCR Max. Change of all Pins: 10mΩ

Dielectric withstanding voltage: 100 VAC for 1 minute

##### Mechanical:

Insertion Force: 0.5~0.2kgf

Withdrawal Force: 0.8~2.0kgf, Ater durability: 0.6~2.0kgf.

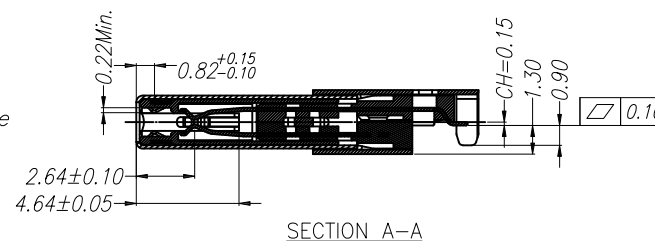
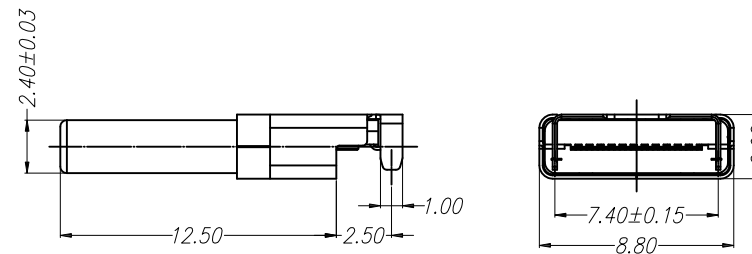
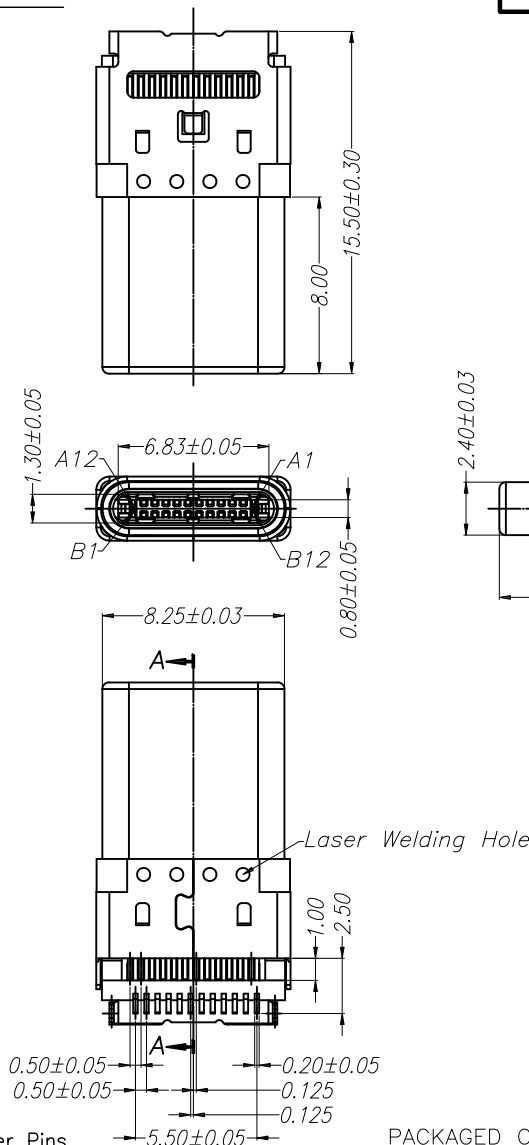
Durability cycles: 10,000 cycles

Temperature Rating:

Operating temperature: -25°C to +85°C

Environmental:

Lead free, RoHS compliant



#### PACKAGED ON TAPE & REEL

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

| MM         | ANGLE    |
|------------|----------|
| .X ± .30   | X. ± 10° |
| .XX ± .20  | .X ± 8°  |
| .XXX ± .10 | .XX ± 5° |

|          |    |         |
|----------|----|---------|
| DRAWN    | WX | 2/17/22 |
| CHECKED  | YC | 2/17/22 |
| 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,  
TRANSMISSION EFFICIENCY: Gen2x1 10Gbps  
BLACK INSULATOR, EDGE HANG, TAPE & REEL

| SIZE | PART NO.                          | REV.         |
|------|-----------------------------------|--------------|
| X    | USB-C32-S-PLUG-EH-SMT-CS1A-DC-T/R | A            |
| REF: | S00288T                           | SCALE: NTS   |
|      |                                   | SHEET 1 OF 3 |



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