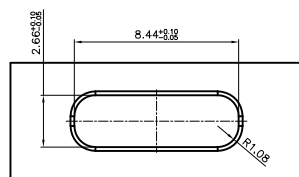
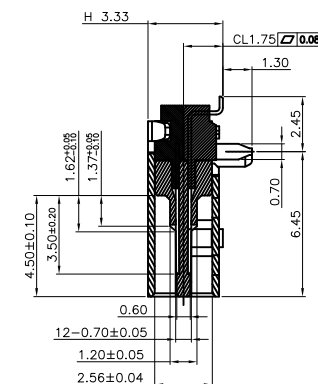
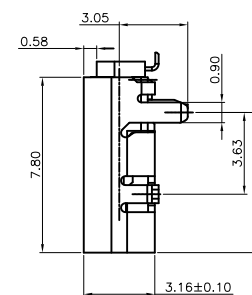
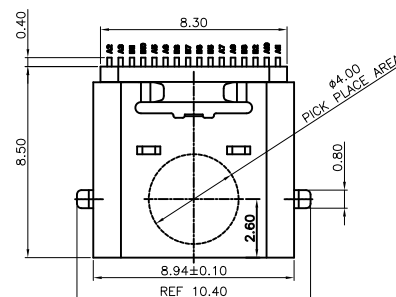


DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

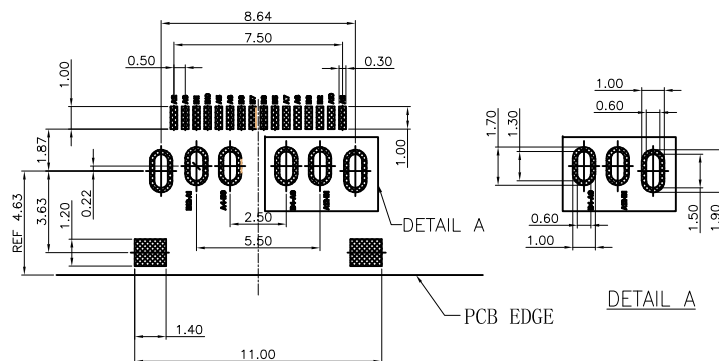
| Rev | AWO # | Description   | Date     | Appr  |
|-----|-------|---------------|----------|-------|
| -   |       | RELEASED      | 11/24/22 |       |
| A   |       | UPDATE TITTLE | 4/14/23  | WX    |
| B   |       | UPDATE TITTLE | 2/27/24  | LH/RC |



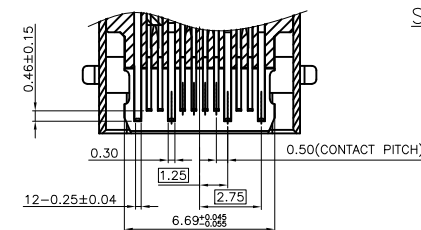
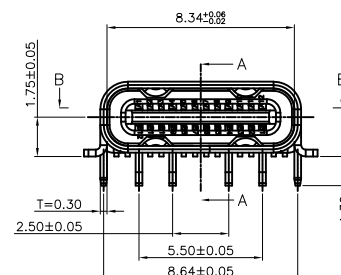
RECOMMENDED PANEL CUT



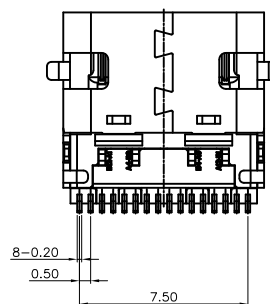
SECTION A-A



## RECOMMENDED PCB LAYOUT



SECTION B-B



PACKAGED ON TAPE & REEL

SPECIFICATIONS:

Material:

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

Insulator color: Black

Contacts: Copper Alloy

Shell: Stainless Steel, Nickel plated

Plating:

Gold flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

Current rating: 5A min for Vbus, 1.25A min for other

Contact resistance: 40 mohms max

Insulation resistance: 100 Mohms min

Dielectric withstanding voltage: 100 VAC R.M.S.

**Mechanical:**

Insertion Force: 5~20N

Withdrawal Force: 8~20N

Durability: 10,000 cycles

Temperature Rating:

Operating temperature:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

Environmental:

Lead free, RoHS compliant



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

|      |        |       |
|------|--------|-------|
|      | MM     | ANGLE |
| X    | ± 0.50 |       |
| .X   | ± 0.30 | ± 2°  |
| .XX  | ± 0.20 |       |
| .XXX | ± 0.10 |       |

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 4.0, GEN3X2<br>BLACK INSULATOR. TRANSMISSION EFFICIENCY: 40G |
|-------|------------------------------------------------------------------------------------------|

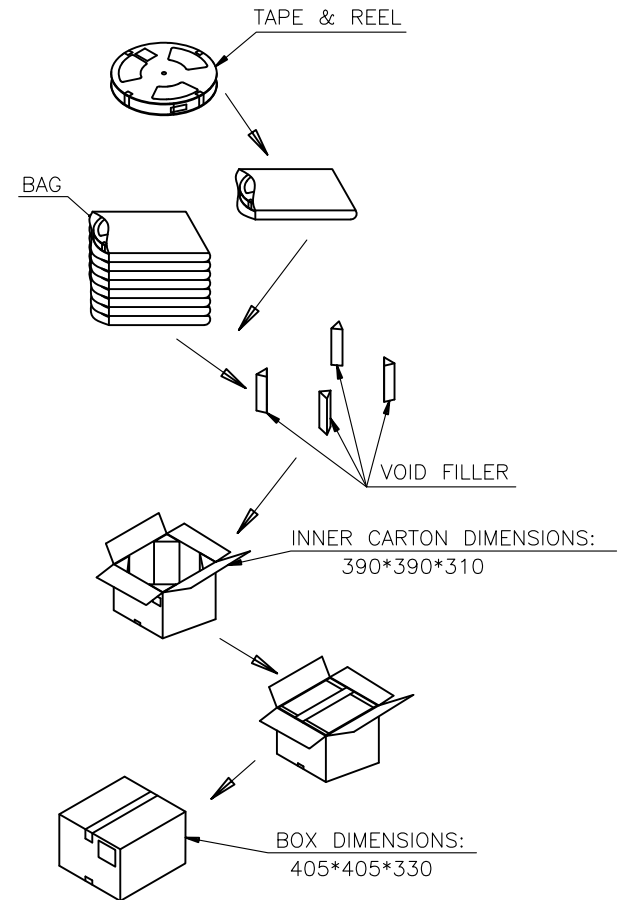
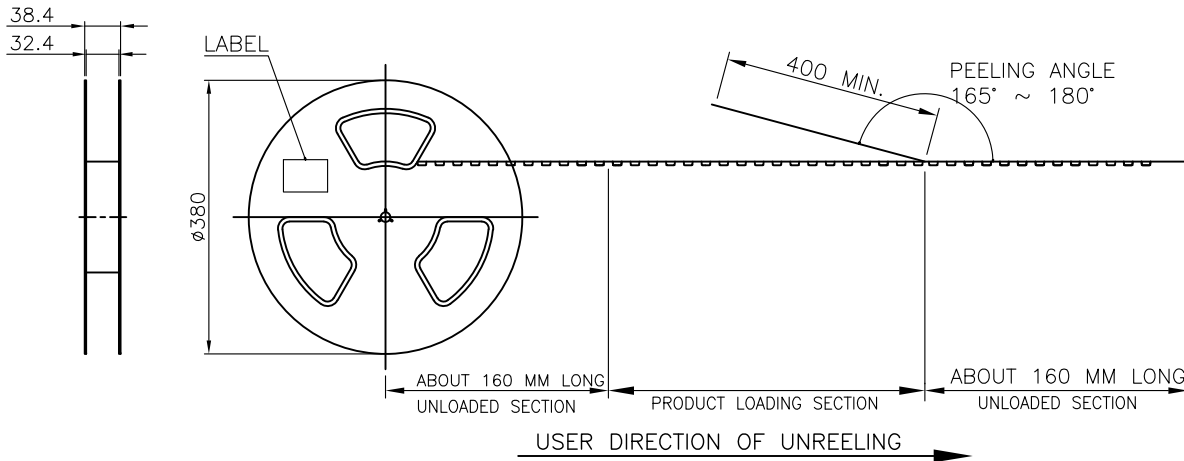
|      |                         |     |
|------|-------------------------|-----|
| SIZE | PART NO.                | REV |
| X    | USB-C40-S-RA-CS1-BK-T/R | B   |

|              |            |              |
|--------------|------------|--------------|
| REF: S00197C | SCALE: NTS | SHEET 1 OF 2 |
|--------------|------------|--------------|

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

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

| Rev                         | AWO # | Description | Date | Appr |
|-----------------------------|-------|-------------|------|------|
| SEE SHT 1 OF 2 FOR REVISION |       |             |      |      |



| 1000         | 10               | 10000 PCS | -- KG           | -- KG         |
|--------------|------------------|-----------|-----------------|---------------|
| PCS/<br>REEL | REELS/<br>CARTON | QUANTITY  | GROSS<br>WEIGHT | NET<br>WEIGHT |

NOTE:

1.MATERIAL:

BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL.  
TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, BLACK COLOR.  
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.  
BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.

2.PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)

3.PEELING SPEED: 300 mm/min.

4.EACH BAG SHALL BE INCLUDED DESICCANT.

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

| MM          | ANGLE |
|-------------|-------|
| X ± 0.50    | ± 2°  |
| .X ± 0.30   |       |
| .XX ± 0.20  |       |
| .XXX ± 0.10 |       |

|          |     |          |
|----------|-----|----------|
| DRAWN    | WX  | 11/24/22 |
| CHECKED  | AC1 | 11/24/22 |
| APPROVED |     |          |

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TITLE  
UNIVERSAL SERIAL BUS TYPE C 4.0, GEN3X2  
BLACK INSULATOR, TRANSMISSION EFFICIENCY: 40G

| SIZE | PART NO.                | REV.         |
|------|-------------------------|--------------|
| X    | USB-C40-S-RA-CS1-BK-T/R | B            |
| REF: | S00197C                 | SCALE: NTS   |
|      |                         | SHEET 2 OF 2 |