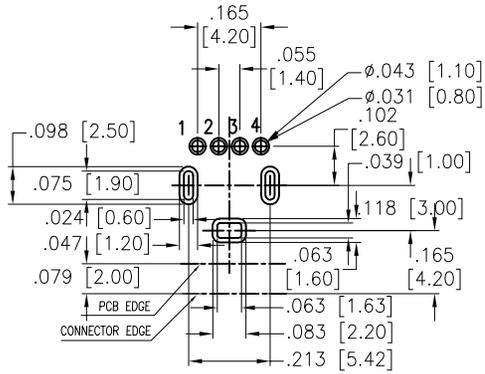
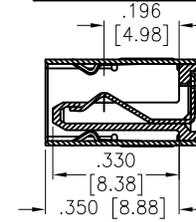
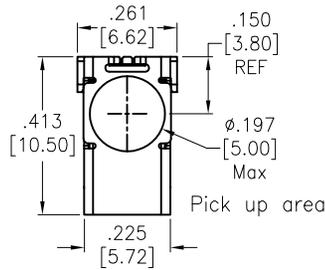


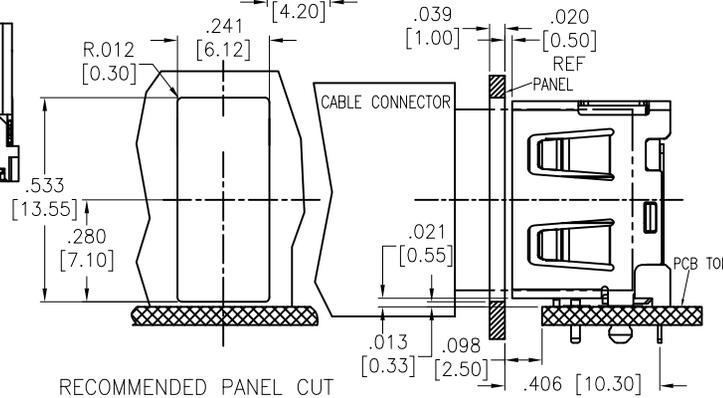
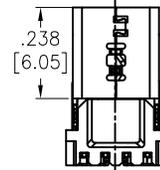
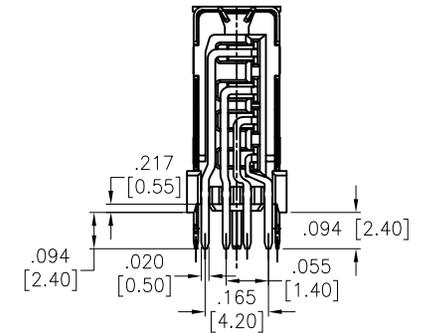
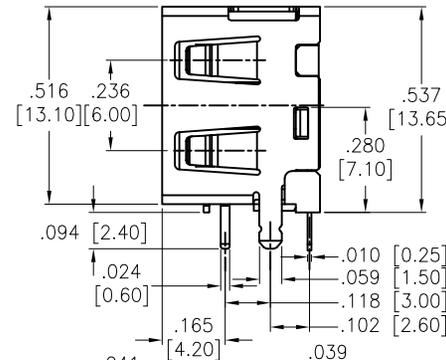
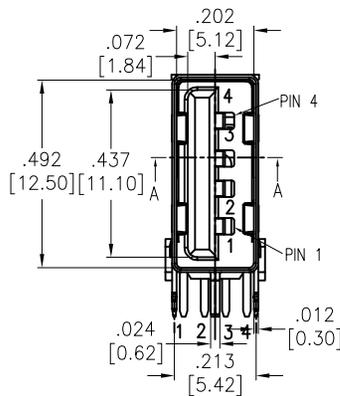
APPROVED: \_\_\_\_\_

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

| Rev | AWO # | Description  | Date    | Appr  |
|-----|-------|--------------|---------|-------|
| -   |       | RELEASED     | 3/18/22 |       |
| A   |       | UPDATE TITLE | 6/27/24 | JJ/RC |



RECOMMENDED PCB LAYOUT



RECOMMENDED PANEL CUT

|       |        |
|-------|--------|
| 1     | VBUS   |
| 2     | D-     |
| 3     | D+     |
| 4     | GND    |
| SHELL | SHIELD |

**SPECIFICATIONS:**

Material:  
Housing: Hi-Temp Thermoplastic, rated UL 94V-0  
Housing color: Black  
Contacts: Copper Alloy  
Shell: SUS304, Nickel plated  
Plating:  
Gold flash over Nickel underplate on contact area,  
Matte Tin over Nickel underplate on solder tails

Electrical:  
Voltage rating: 5V DC  
Current rating: 3A  
Contact resistance: 30 mohms max.  
Insulation resistance: 1,000 Mohms min  
Dielectric withstanding voltage: 500 VAC

Mechanical:  
Mating force: 35N Max  
Unmating force: 10-35N  
Durability: 1500 cycles  
Temperature Rating:  
Operating temperature: -40°C to +85°C  
Environmental:  
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    | WX | 3/18/22 |
| CHECKED  | TW | 3/18/22 |
| 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 A, SINGLE PORT, RIGHT ANGLE UPRIGHT, TERMINALS HORIZONTAL<br>TRANSMISSION EFFICIENCY: 480 MBPS |      |
| SIZE  | PART NO.   | REV. |
| X     | USB-A-S-RU-TH-CS9-HC-NF-HT-T/R   | A    |

|      |         |        |     |       |        |
|------|---------|--------|-----|-------|--------|
| REF: | S00005C | SCALE: | NTS | SHEET | 1 OF 1 |
|------|---------|--------|-----|-------|--------|