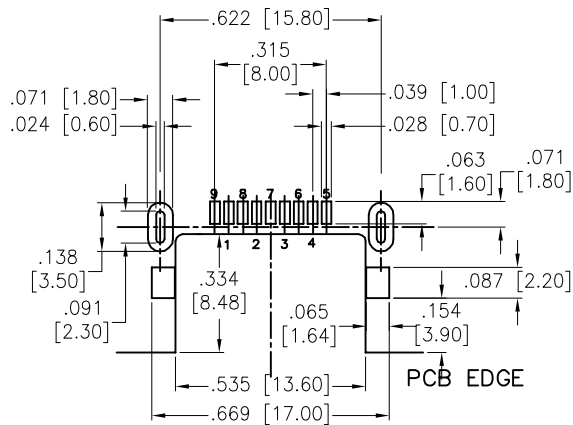


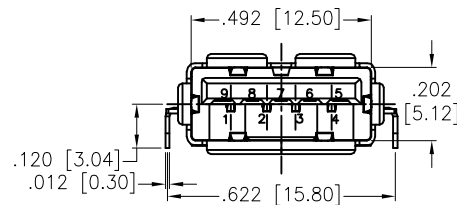
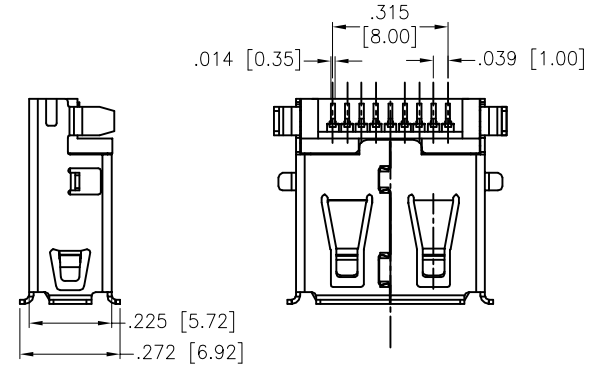
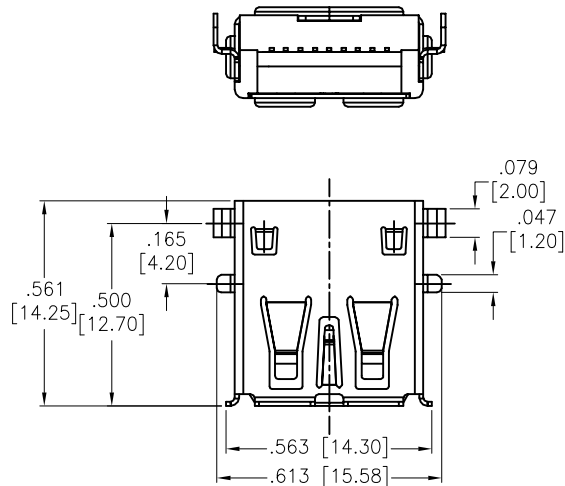
APPROVED: \_\_\_\_\_

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

| Rev | AWO # | Description    | Date     | Appr  |
|-----|-------|----------------|----------|-------|
| -   |       | RELEASED       | 11/02/10 |       |
| A   |       | REVISED SPEC.  | 3/17/15  | AY/OC |
| B   |       | UPDATE DRAWING | 11/3/20  | LH/RL |
| C   |       | UPDATE TITLE   | 6/27/24  | JJ/RC |



RECOMMENDED PCB LAYOUT



| Pin NUMBER | SIGNAL NAME |
|------------|-------------|
| 1          | VBUS        |
| 2          | D-          |
| 3          | D+          |
| 4          | GND         |
| 5          | StdA_SSRX-  |
| 6          | StdA_SSRX+  |
| 7          | GND_DRAIN   |
| 8          | StdA_SSTX-  |
| 9          | StdA_SSTX+  |
| Shell      | Shield      |

SPECIFICATIONS:

Material:

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

Contacts: Copper Alloy

Shell: Brass, Nickel plated

Plating:

Gold Flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails.

Electrical:

Current rating: 1.5 A

Contact resistance: 30 mohms max.

Insulation resistance: 1000 Mohms min.

Dielectric withstanding: 500 V R.M.S

Temperature Rating:

Operating temperature: -40°C to +85°C

Environmental:

Lead free, RoHS compliant.



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

| INCHES |        | HOLES |       |
|--------|--------|-------|-------|
| .X     | ± .10  | ØX    | ±.10  |
| .XX    | ± .020 | ØXX   | ±.015 |
| .XXX   | ± .015 | ØXXX  | ±.010 |

|          |    |          |
|----------|----|----------|
| DRAWN    | DY | 11/02/10 |
| CHECKED  |    |          |
| APPROVED |    |          |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH



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|              |                             |                                                                                                     |  |
|--------------|-----------------------------|-----------------------------------------------------------------------------------------------------|--|
| TITLE        |                             | UNIVERSAL SERIAL BUS 3.0, TYPE A, FEMALE, METAL SHIELD, SMT TYPE<br>TRANSMISSION EFFICIENCY: 5 GBPS |  |
| SIZE<br>X    | PART NO.<br>USB-A3-S-RA-SMT | REV.<br>C                                                                                           |  |
| REF: S00087C | SCALE: NTS                  | SHEET 1 OF 1                                                                                        |  |