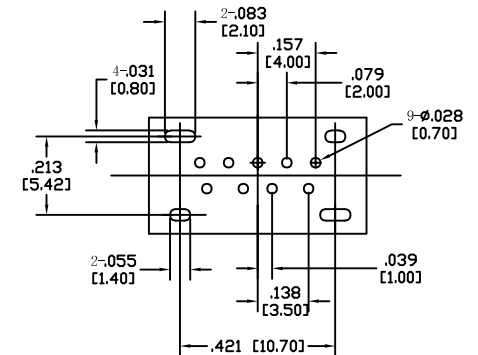
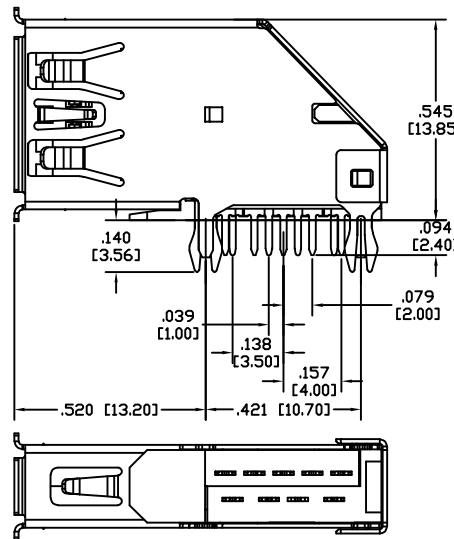
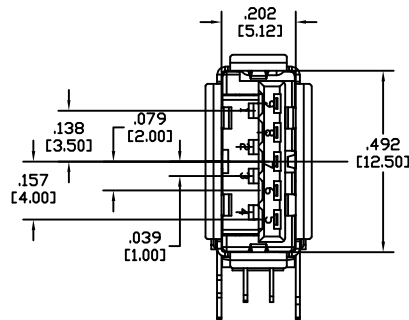
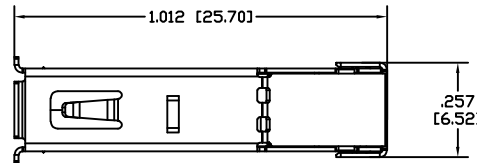
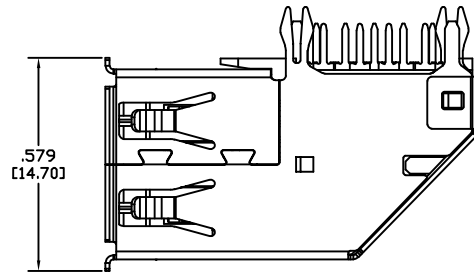


APPROVED: \_\_\_\_\_

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

| Rev | AWO # | Description     | Date    | Appr  |
|-----|-------|-----------------|---------|-------|
| -   |       | RELEASED        | 5/20/13 |       |
| A   |       | UPDATED DRAWING | 7/27/15 | HR/MW |
| B   |       | UPDATED TITLE   | 6/27/24 | JJ/RC |



RECOMMENDED PCB LAYOUT  
(TOP VIEW)

#### SPECIFICATIONS:

##### Material:

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

Insulator color: Blue

Contacts: Copper alloy

Shell: SUS 304, Nickel plated

##### Plating:

Gold flash over Nickel underplate on contact area,

Tin over Copper underplate on tails.

##### Electrical:

Operating voltage: 30 VAC

Current rating: 1 A

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC

##### Temperature Rating:

Operating temperature: -20°C to +85°C

##### Environmental:

Lead free, RoHS compliant



| Pin No.     | 1                | 2  | 3  | 4   | 5                | 6     | 7         | 8     | 9     |
|-------------|------------------|----|----|-----|------------------|-------|-----------|-------|-------|
| Signal Name | VBUS             | D- | D+ | GND | SSRX-            | SSRX+ | GND_DRAIN | SSTX- | SSTX+ |
| Remark      | USB2 CONTACT PIN |    |    |     | USB3 CONTACT PIN |       |           |       |       |

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    | AY | 5/20/13 |
| CHECKED  | YC | 5/20/13 |
| 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  
USB 3.0, TYPE A, RIGHT ANGLE UPRIGHT, SEL GOLD FLASH  
TRANSMISSION EFFICIENCY: 5 GBPS

| SIZE | PART NO.       | REV. |
|------|----------------|------|
| X    | USB-A3-S-RU-HT | B    |

REF: S00087T SCALE: NTS SHEET 1 OF 1