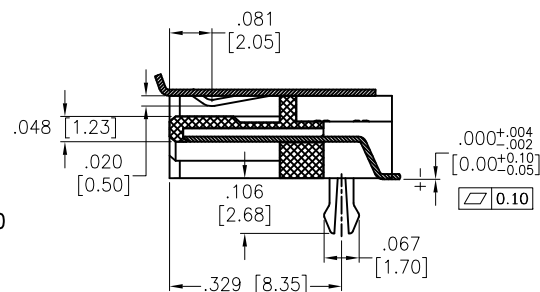
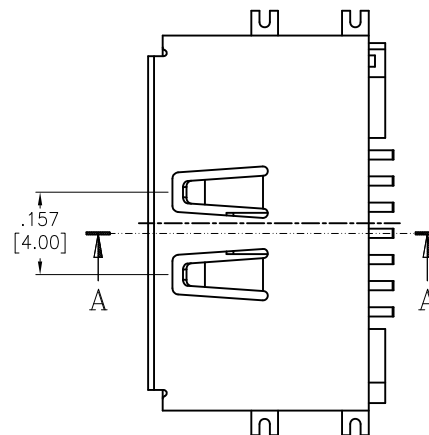
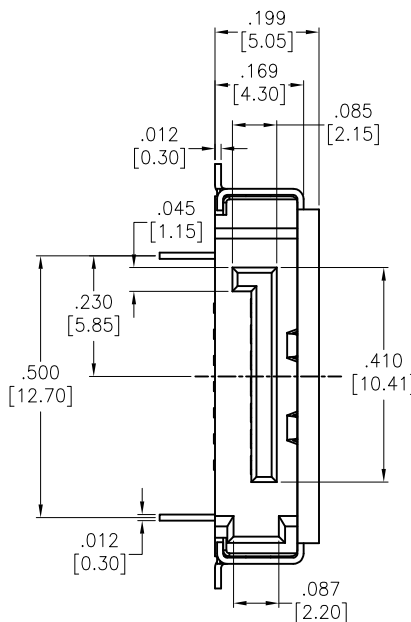
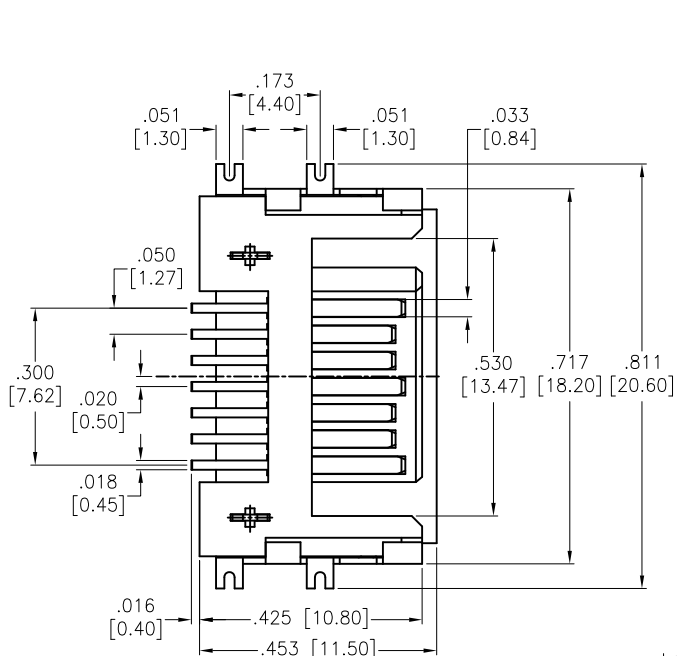
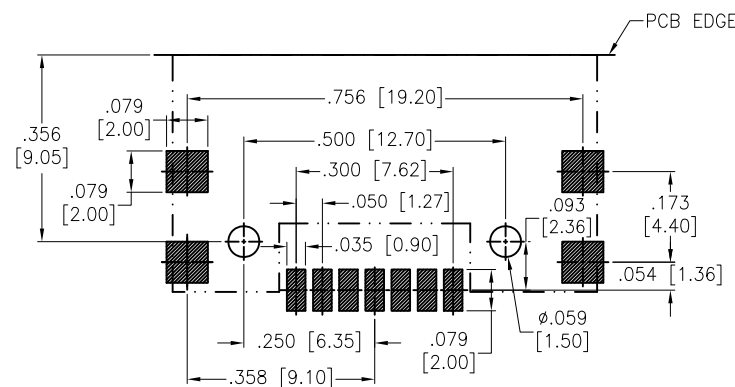


APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/10/07	
A		ADDED DIM.	6/03/11	
B		REVISED DIM.	09/21/12	
C		UPDATED DRAWING	8/4/17	HR/IC



SECTION A-A



RECOMMENDED PCB LAYOUT

#### SPECIFICATIONS:

##### Material:

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

Insulator color: Black

Contacts: Phosphor Bronze

Harpoon: Brass, Tin plated

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 Amps per contact

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC

##### Mechanical:

Insertion force: 45N max.

Withdrawal force: 10N min.

Durability: 50 cycles

Temperature Rating:

Operating temperature: -55°C to +85°C

Environmental:

Lead free, RoHS compliant



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

.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

APPROVALS		DATE
DRAWN	SS	12/10/07
CHECKED		
APPROVED		

## ADAM TECH

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

TITLE  
SERIAL ATA CONNECTOR, TYPE B  
LEFT POLARIZATION, SURFACE MOUNT, KEY

SIZE X	PART NO. SATA-B-PL-SMT-K-BL	REV. C
REF: S00078T	SCALE: NTS	SHEET 1 OF 1

# Mouser Electronics

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[SATA-B-PL-SMT-K-BL](#)