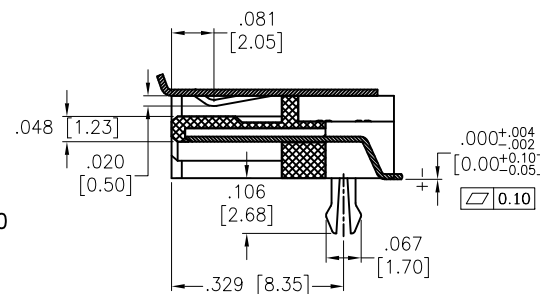
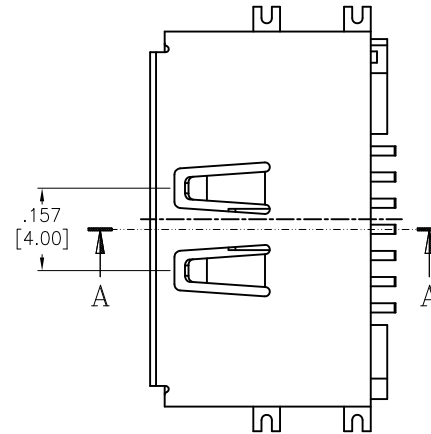
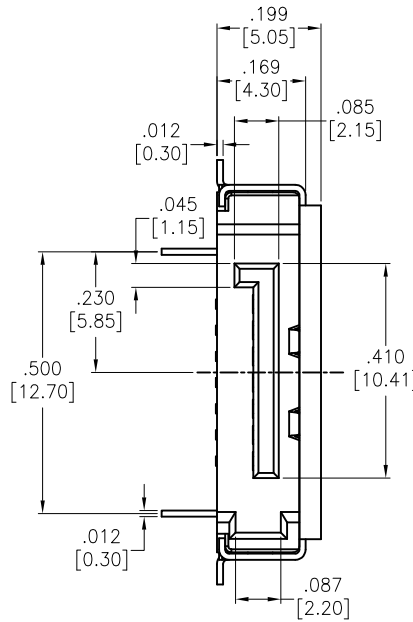
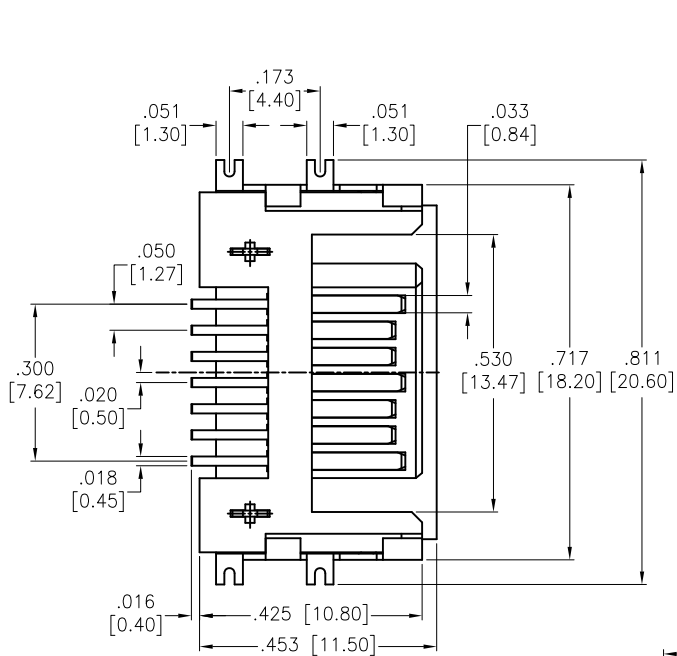
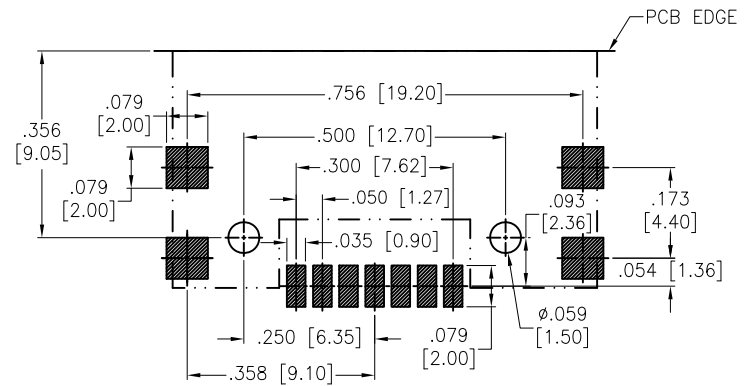


APPROVED: _____
DATE: _____ TITLE: _____

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

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

APPROVALS		DATE
DRAWN	SS	12/10/07
CHECKED		
APPROVED		



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TITLE			
SERIAL ATA CONNECTOR, TYPE B			
LEFT POLARIZATION, SURFACE MOUNT, KEY			
SIZE	PART NO.	REV.	
X	SATA-B-PL-SMT-K-BL	C	
REF:	S00078T	SCALE:	NTS
SHEET 1 OF 1			