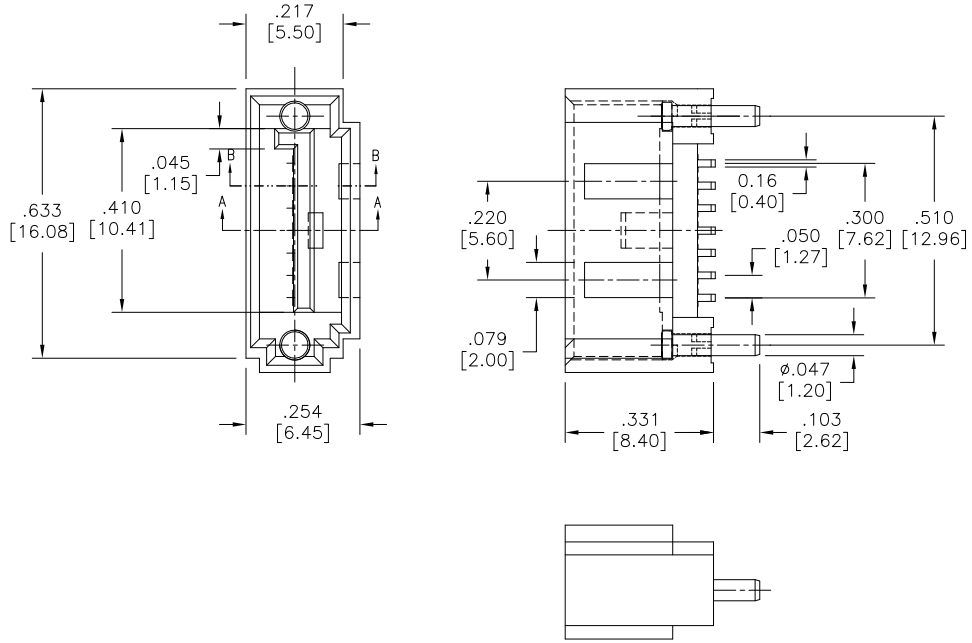
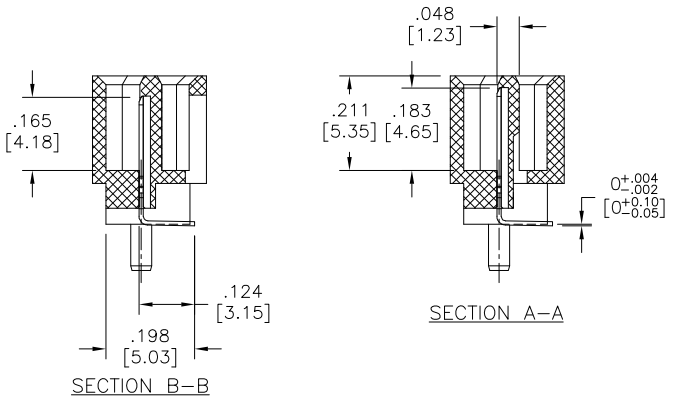
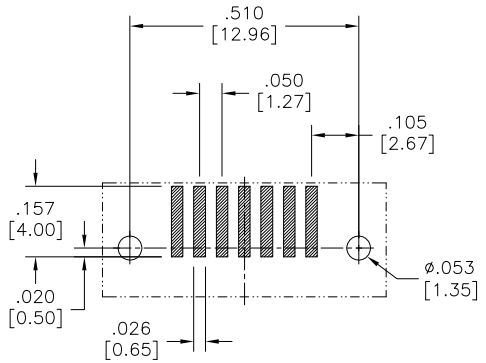
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	8/8/11	
A		REVISED DIM. & SPEC.	3/26/14	AY/KW







RECOMMENDED PCB LAYOUT

Signal Segment	
Name	Type
S1	GND
S2	A+
S3	A–
S4	GND
S5	B–
S6	B+
S7	GND

SPECIFICATIONS:

Material:
Insulator: Hi–temp thermoplastic, rated UL 94V–0
Insulator color: Black
Contacts: Brass
Board Lock: Brass, Tin plated
Plating:
Gold flash over Nickel underplate on mating area,
Tin over Copper underplate on tails
Electrical:
Current rating: 1.5 Amps max.
Contact resistance: 30 mohms max.
Insulation resistance: 1,000 Mohms min @ 500 VAC
Dielectric withstanding voltage: 500 VAC for 1 minute
Mechanical:
Insertion force: 45N max
Withdrawal force: 10N min
Durability: 500 cycles
Temperature Rating:
Operating temperature: –55°C to +85°C
Environmental:
Lead free, RoHS compliant.

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	TW	8/8/11
CHECKED	AY	8/8/11
APPROVED		

Metabee (Chengdu) Technology Co., Ltd.
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TITLE: SATA 7P STRAIGHT DIP A TYPE SHIELD ROUNDED COPPER POLE (THROUGH TYPE) MALE

SIZE	PART NO.	REV.
X	SATA-P-PR-1-SMT	A

REF: S00078T | SCALE: NTS | SHEET 1 OF 1