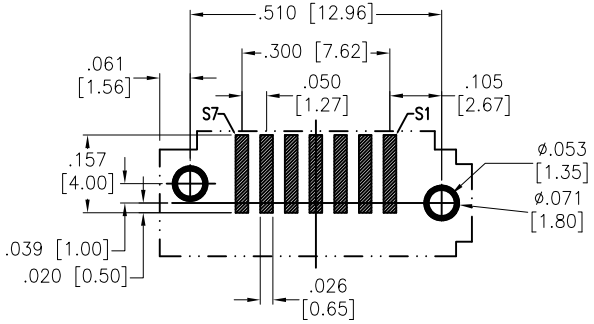
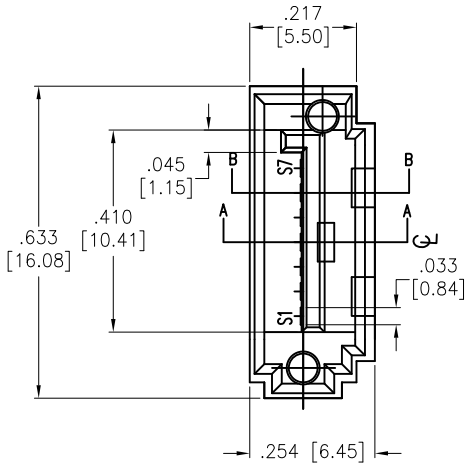
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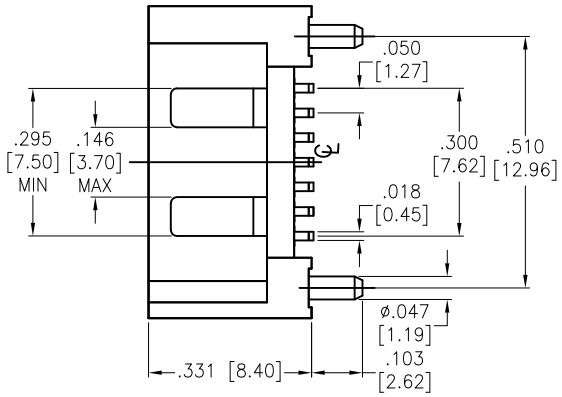
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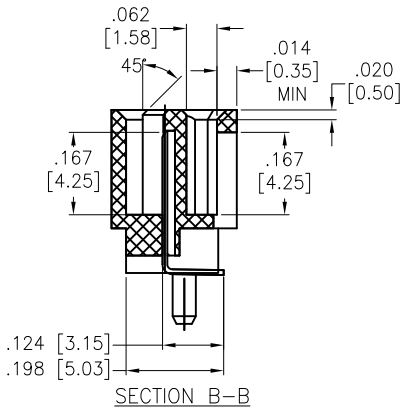
Rev	AWO #	Description	Date	Appr
-		Released	10/24/07	SS
A		REVISED SHAPE & DIM.	11/14/12	
B		UPDATED DRAWING	8/22/16	HR/CH
C		UPDATED DRAWING	11/18/20	OW/TY



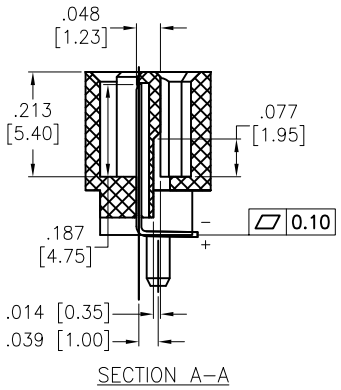
RECOMMENDED PCB LAYOUT



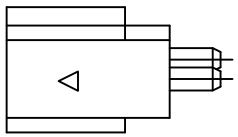




SECTION B–B



SECTION A–A



Signal Name	Segment 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 Nickel underplate on tails

Electrical:
Current rating: 1.5 Ampere per contact
Operation voltage: 15V DC max
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: 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	SHIREN	10/24/07
CHECKED	SS	10/25/07
APPROVED	SS	10/25/07

METABEE
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TITLE: SATA 7P STRAIGHT DIP B TYPE SHIELD ROUNDED COPPER POLE(THROUGH TYPE) MALE

SIZE	PART NO.	REV.
X	SATA-P-PR-SMT	C

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