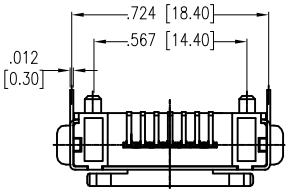
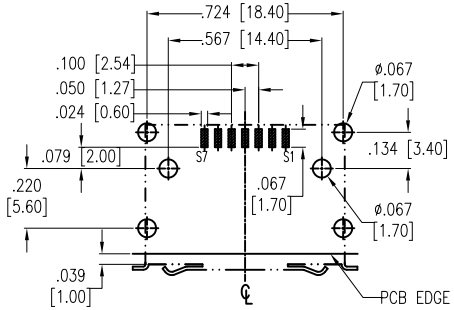
APPROVED: _____

DATE: _____ TITLE: _____

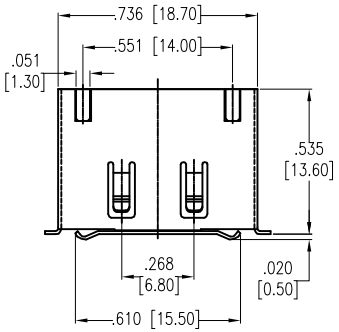
Rev	AWO #	Description	Date	Appr
-	4439	RELEASED	10/12/06	
A	4439	REVISED SHAPE	3/16/12	
B		UPDATE SHAPE	12/19/14	AY/LL
C		UPDATE DRAWING	10/12/17	HR/RC1

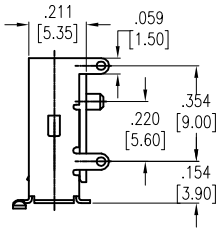
PIN Signal Define	
PIN NO.	Signal Name
S1	GND
S2	A+
S3	A−
S4	GND
S5	B−
S6	B+
S7	GND

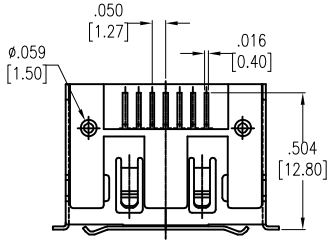


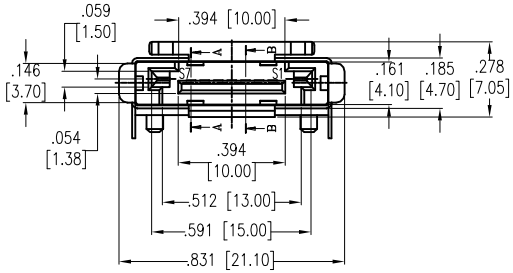


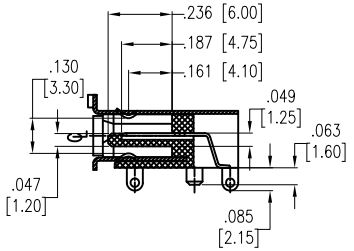
RECOMMENDED PCB LAYOUT



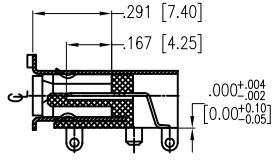








SECTION A–A



SECTION B–B

SPECIFICATIONS:

Material:

Insulator: Hi−temp thermoplastic, rated UL 94V−0

Insulator color: Black

Contacts: Brass

Plating:

Gold over Nickel underplate on contact area,
Tin over Nickel underplate on PCB tails.

Electrical:

Operating voltage: 100 VAC max

Current rating: 1.5 Ampere per Contact

Contact resistance: 30 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC

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	BW	12/12/06
CHECKED		
APPROVED		

Metabee (Chengdu) Technology Co., Ltd.
Tel: +8615926241606 E-mail: Sales@metabeeai.com

TITLE: SATA CONNECTOR, RIGHT ANGLE SURFACE MOUNT

SIZE	PART NO.	REV.
X	SATA-J-NP-SMT-P-S-PG	C

REF:	S00078T	SCALE:	NTS	SHEET	1 OF 1