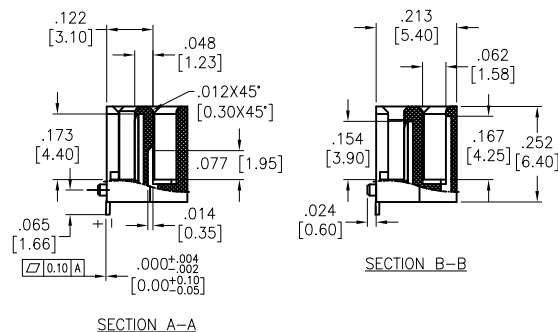
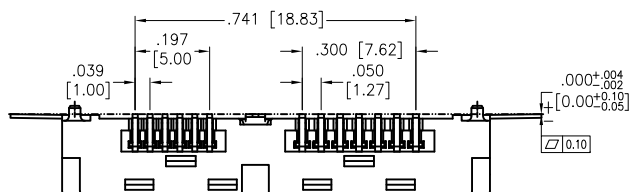
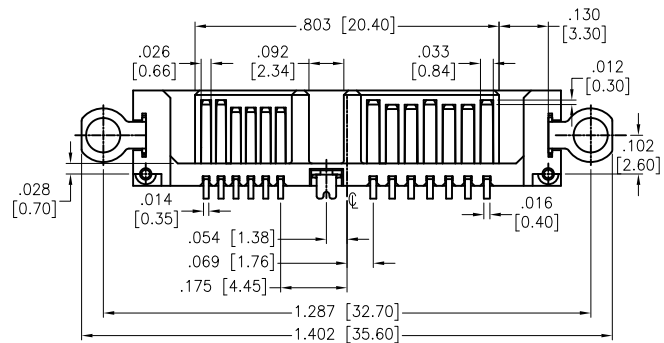
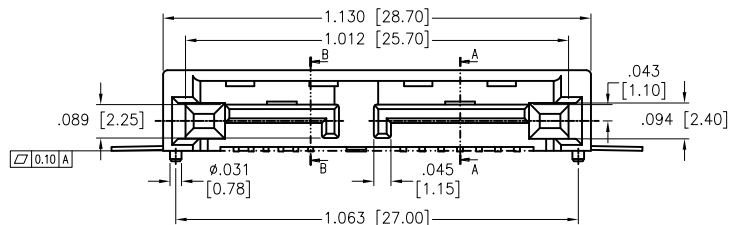
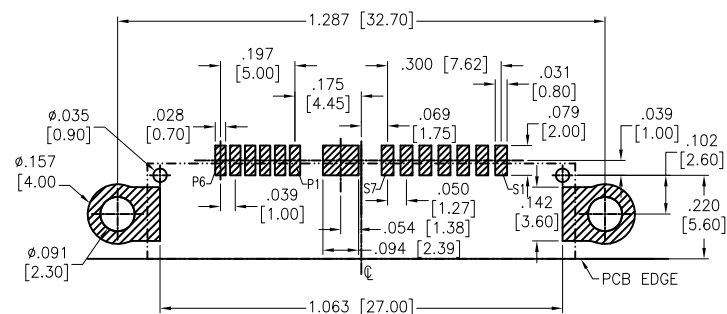


Rev	AWO #	Description	Date	Appr
-		RELEASED	4/1/15	



Pin Number	Signal Name	Pin Number	Power Line Designation
S1	GND	P1	DP
S2	A+	P2	+5V
S3	A-	P3	+5V
S4	GND	P4	MD
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND		



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

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

Insulator color: Black

Contacts: Brass

Harpoon: Brass, Tin plated

Plating:

Gold 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 for 1 minute

Temperature Rating:

Operating temperature: -55°C to $+85^{\circ}\text{C}$

Environmental:

Lead free, RoHS compliant



PACKAGED ON TAPE & REEL

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			 Metabee (Chengdu) Technology Co., Ltd. Tel: +8615926241606 E-mail: Sales@metabeeai.com		
TITILE			SATA CONNECTOR, 7P + 6P SMT TYPE, MALE, TAPE & TEEL		
APPROVALS DATE			SIZE PART NO. REV		
DRAWN HR 4/1/15			X SATA-G4-PM-SMT-RA-T/R -		
CHECKED AC 4/1/15			REF: S00078T SCALE: NTS SHEET 1 OF 1		
APPROVED					