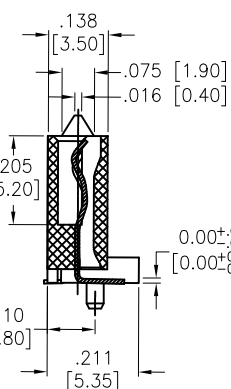
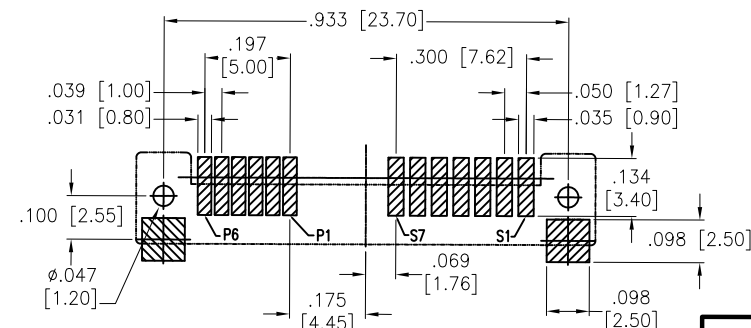
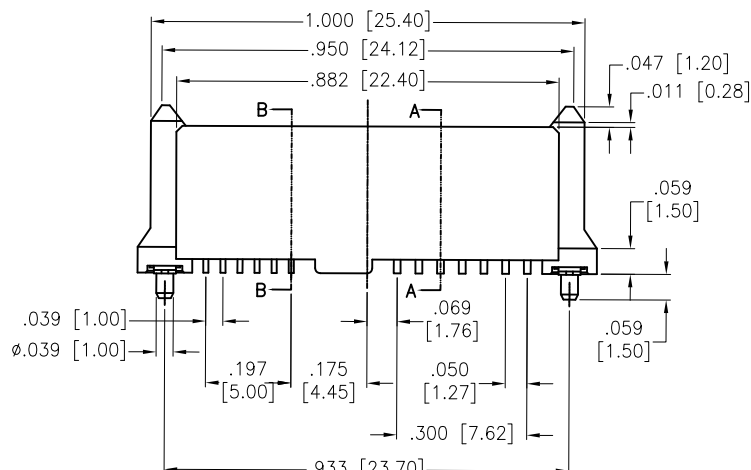
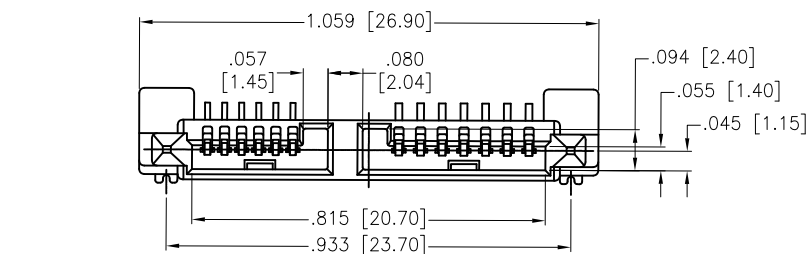


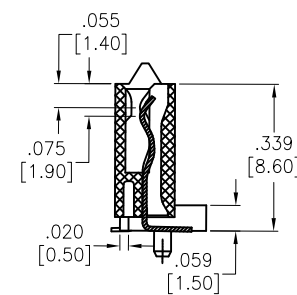
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/16/09	
A		UPDATE DRAWING	7/7/20	LH/BL



SECTION A-A



SECTION B-B

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		

SPECIFICATIONS:

Material:

Insulator: LCP, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Harpoon: Brass, Nickel Plated overall

Tin over Nickel underplate on solder tails

RECOMMENDED PCB LAYOUT

Plating:

Gold Flash over Nickel underplate on contact area,

Tin over Nickel underplate on solder tails

Electrical:

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



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	DY	12/16/09
CHECKED		
APPROVED		



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Tel: +8615926241606 E-mail: Sales@metabeeai.com

TITLE			
SATA CONNECTOR, 7P + 6P, VERTICAL SMT TYPE, FEMALE, WITH POST			
SIZE	PART NO.	REV.	
X	SATA-A2-PM-VSMT-P	A	
REF: S00078T		SCALE: NTS	SHEET 1 OF 1