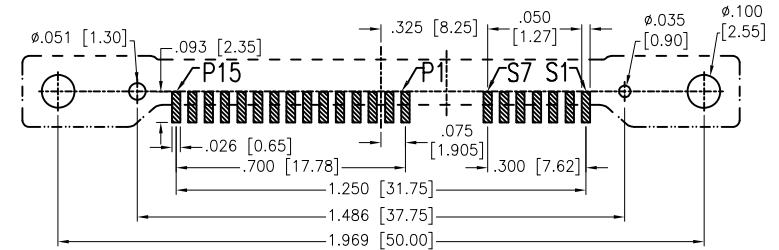
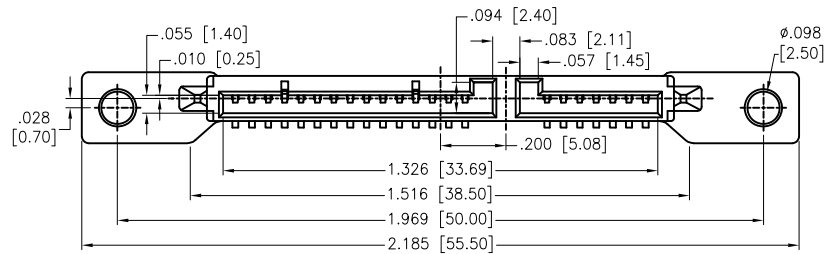
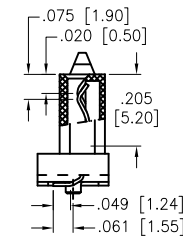
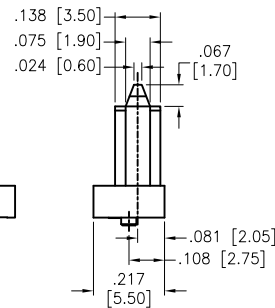
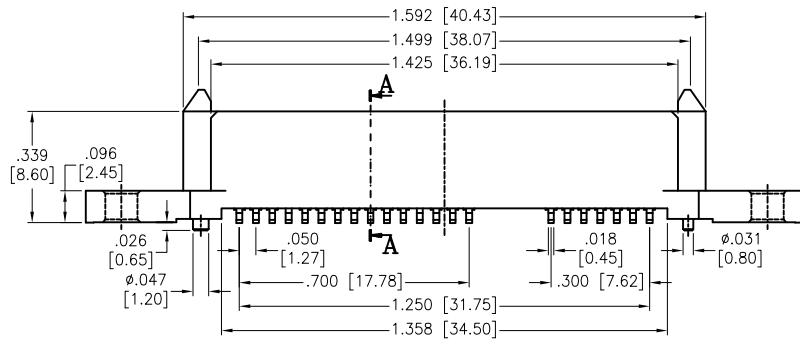


APPROVED: _____
DATE: _____ TITLE: _____

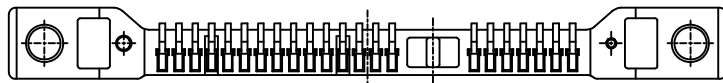
Rev	AWO #	Description	Date	Appr
-		RELEASED	02/01/12	



RECOMMENDED PCB LAYOUT



SECTION A-A



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

Power Segment	
Name	Type
P1	V33
P2	V33
P3	V33
P4	GND
P5	GND
P6	GND
P7	V5
P8	V5
P9	V5
P10	GND
P11	DAS/DSS
P12	GND
P13	V12
P14	V12
P15	V12

SPECIFICATIONS:

Material:

Insulator: LCP, glass reinforced, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Harpoon: Brass

Plating:

15u" Gold over Nickel underplate in contact 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 VDC

Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:

Operating temperature: -55C to +85°C

Environmental:

Lead free, RoHS compliant

Recommended soldering temp: 260°C for 5 seconds



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	02/01/12
CHECKED	AY	02/01/12
APPROVED		



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

TITLE SATA CONNECTOR, 7P + 15P + 7P, SMT TYPE,
FEMALE, 15u" GOLD PLATED, WITH FLANGE

SIZE X	PART NO. SATA-A13-PM-SMT-P-E-15	REV. -
REF: S00078T	SCALE: NTS	SHEET 1 OF 1