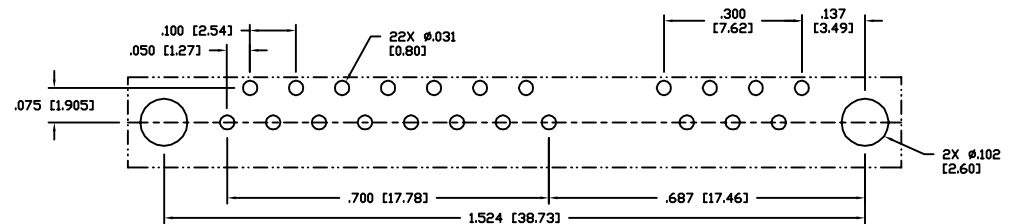
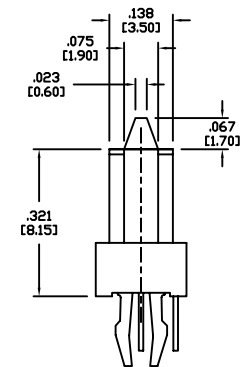
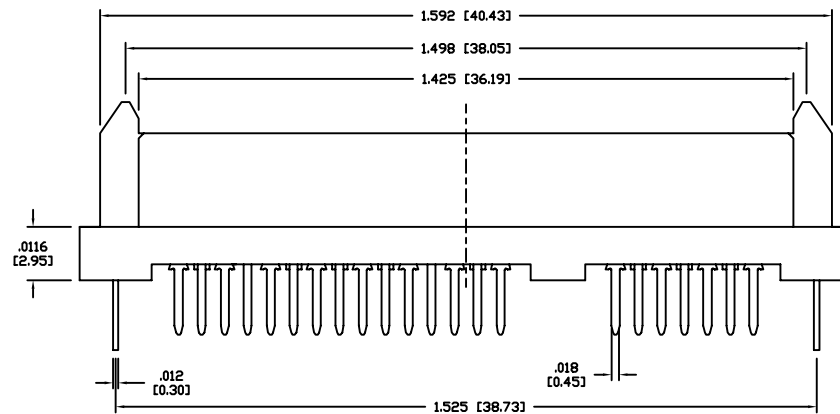
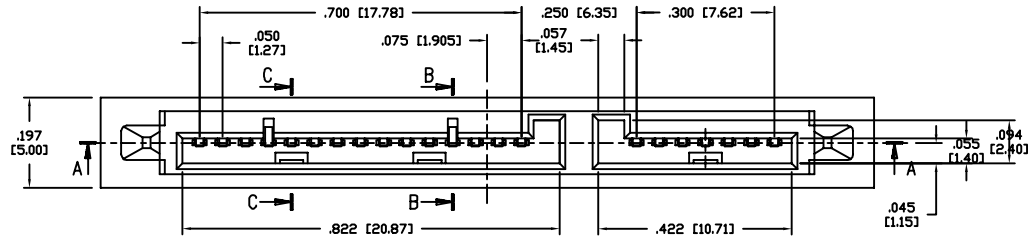
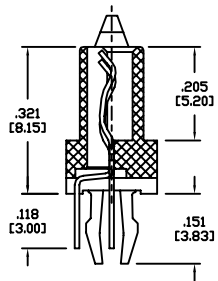
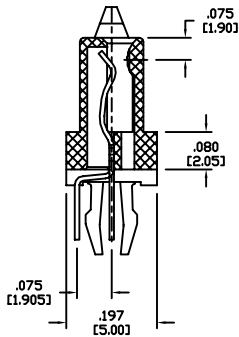


APPROVED: _____
DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/29/05	
A		REDRAWN	4/23/08	



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:

Material:

Insulator: LCP, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Plating:

Gold Flash over Nickel underplate on contact area, Tin over Copper underplate on solder tails

Electrical:

Operating voltage: 100 VAC max

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

Mechanical:

Insertion force: 45N max.

Withdrawal force: 10N min.

Durability: 500 cycles

Temperature Rating:

Operating temperature: -25°C to +125°C

Environmental:

Lead free, RoHS compliant.

Recommended soldering temp: 260°C for 5 sec.



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

SS

9/29/05

CHECKED

APPROVED



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

TITLE
SATA CONNECTOR, 7P + 15P, PCB PINS
VERTICAL MOUNT

SIZE

PART NO.

SATA-M-PM-VT

REV.

A

REF:

SCALE: NTS

SHEET 1 OF 1