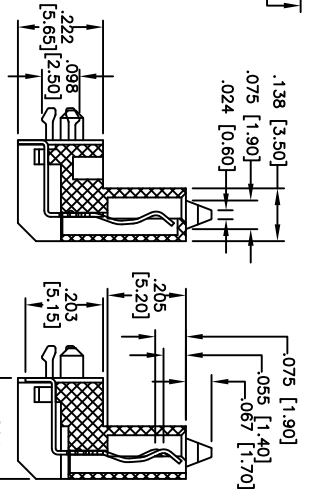
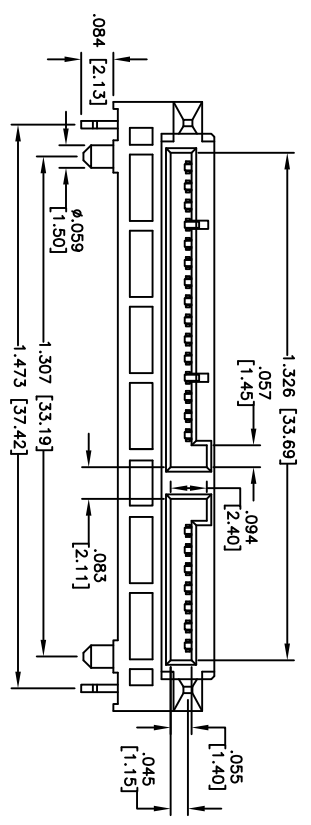


RECOMMENDED PCB LAYOUT
(Top View)



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

Power Segment	Name	Type
P1	V33	V33
P2	V33	V33
P3	V33	V33
P4	GND	GND
P5	GND	GND
P6	GND	GND
P7	V2	V2
P8	V3	V3
P9	V3	V3
P10	GND	GND
P11	DAS/DSS	DAS/DSS
P12	GND	GND
P13	VI2	VI2
P14	VI2	VI2
P15	VI2	VI2

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

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
 Temperature Rating: Operating temperature: -55°C to +125°C

Environmental: Lead free, RoHS compliant
 Recommended soldering temp: 260°C for 5 sec.

ADAM TECH
 909 Rahway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE: SATA CONNECTOR, 7P + 15P, 90°
 SM1 TYPE, FEMALE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]		TOLERANCES: EXCEPT AS NOTED		HOLES	
.X	± .10	Ø.X	± .10		
.XX	± .020	Ø.XXX	± .015		
.XXX	± .015	Ø.XXXX	± .010		
APPROVALS		DATE		DATE	
DRAWN	DY		9/03/09		
CHECKED					
APPROVED					
SIZE	PART NO.	TITLE		SCALE	SHEET 1 OF 1
X	SATA-H-PM-SMT	SATA CONNECTOR, 7P + 15P, 90° SM1 TYPE, FEMALE		NTS	1
REV.					