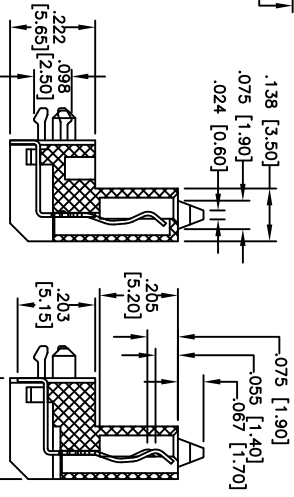
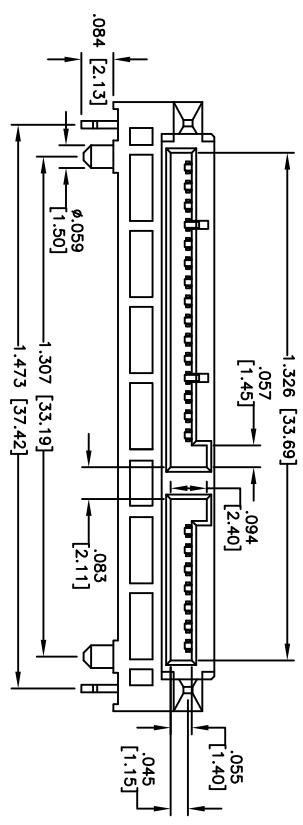


RECOMMENDED PCB LAYOUT  
(Top View)



SECT A-A

SECT B-B

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

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°C

Environmental: Lead free, RoHS compliant

Recommended soldering temp: 260°C for 5 sec.



UNLESS OTHERWISE SPECIFIED	
ALL DIMENSIONS ARE IN INCHES [MM]	
TOLERANCES: EXCEPT AS NOTED	
INCHES	
X	± .10
XX	± .020
XXX	± .015
XXX	± .015
XXX	± .010
HOLES	
ØX	± .10
ØXXX	± .015
ØXXX	± .010
APPROVALS	
DRAWN	DY
CHECKED	
APPROVED	
DATE	12/08/10

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

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

SIZE: PART NO. SAT-A-Q-PM-SMT-01

SCALE: NTS SHEET 1 OF 1