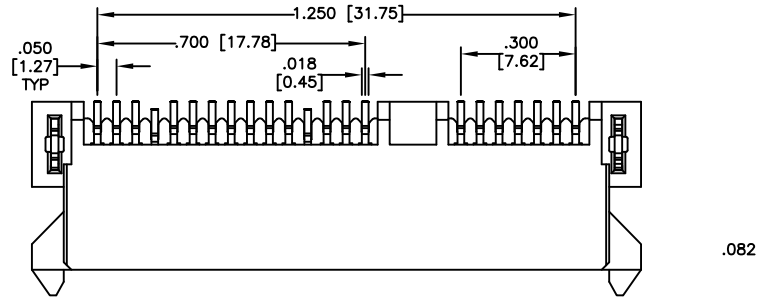
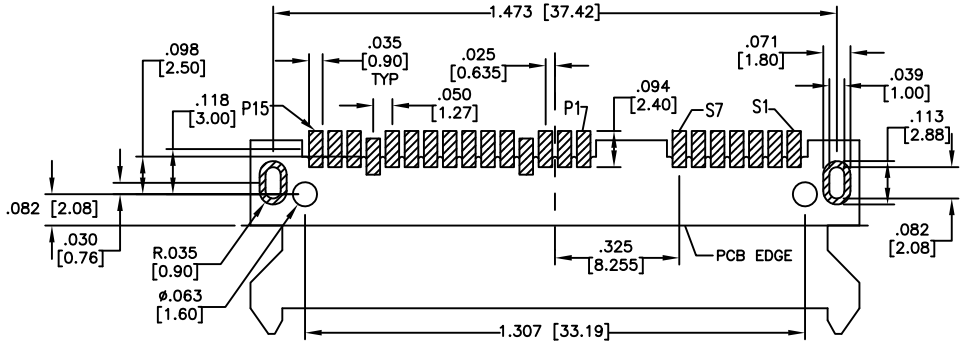
Rev	AWO #	Description	Date	Appr
-		RELEASED	9/03/09	

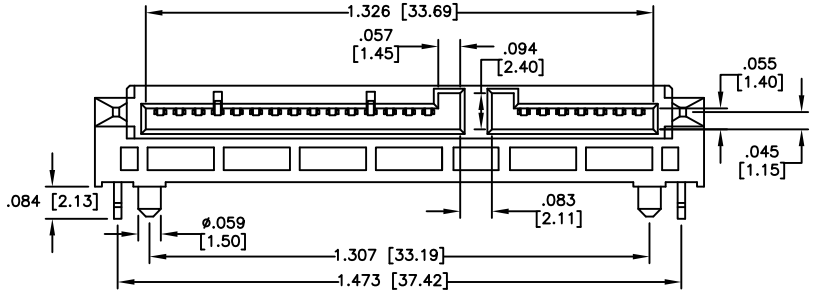
APPROVED: _____

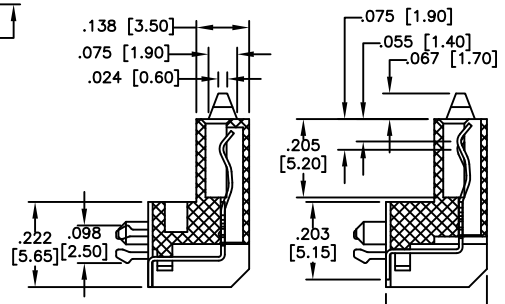
DATE: _____ TITLE: _____



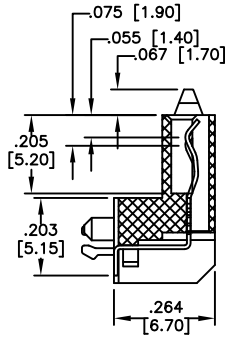


RECOMMENDED PCB LAYOUT
(Top View)





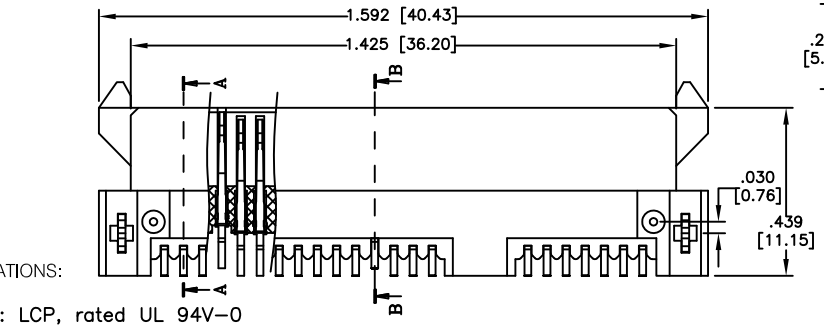
SECT A-A



SECT B-B

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, 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
Temperature Rating:
Operating temperature: –55°C to +125°C
Environmental:
Lead free, RoHS compliant
Recommended soldering temp: 260°C for 5 sec.

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	9/03/09
CHECKED		
APPROVED		

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.	REV.
X	SATA-H-PM-SMT	-

REF: | SCALE: NTS | SHEET 1 OF 1