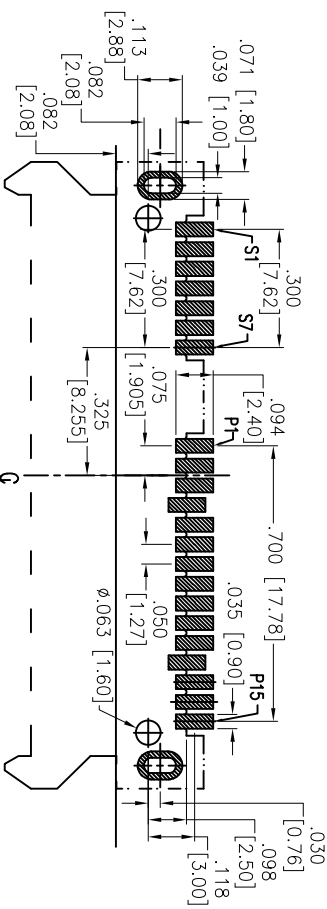
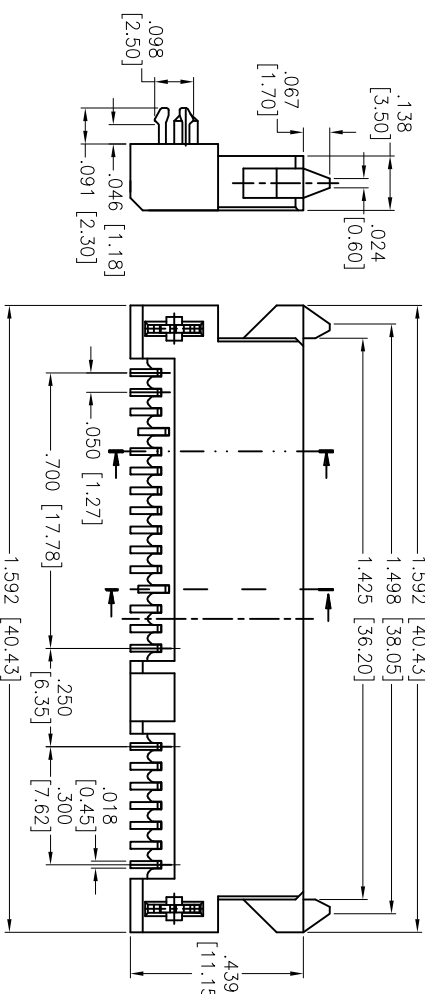
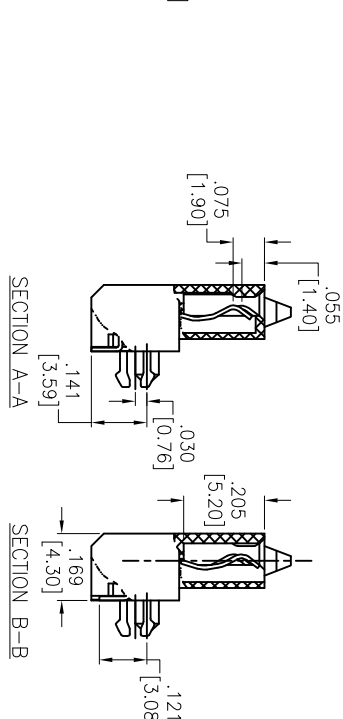
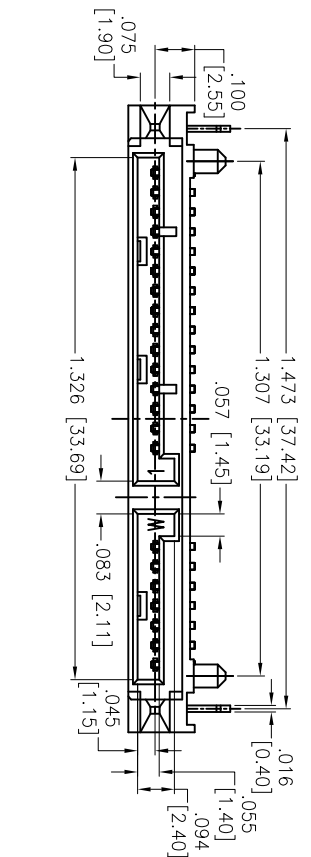


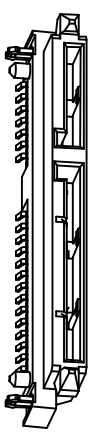
Rev	AWO #	Description	Date	Appr
-		RELEASED	03/04/13	

APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT



Signal Segment		Power Segment	
Name	Type	Name	Type
S1	GND	P1	V33
S2	A+	P2	V33
S3	A-	P3	V33
S4	GND	P4	GND
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND	P7	GND
		P8	V5
		P9	V5
		P10	GND
		P11	DAS/DSS
		P12	GND
		P13	V12
		P14	V12
		P15	V12

SPECIFICATIONS:

- Material:**
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0
 Insulator color: Black
 Contacts: Phosphor Bronze
 Plating:
 5u" Gold over Nickel underplate on contact area,
 Tin over Copper underplate on solder 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
- Mechanical:**
 Insertion force: 45N max.
 Withdrawal force: 10N min.
 Durability: 500 cycles
- Temperature Rating:**
 Operating temperature: -55°C to +85°C
- Environmental:**
 Lead free, RoHS compliant

ADAM TECH

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

TITLE: SATA CONNECTOR, 7P + 15P, 90°, REVERSE SURFACE MOUNT FEMALE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]		TOLERANCES: EXCEPT AS NOTED	
INCHES		HOLES	
.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XXX	± .015
.XXX	± .015	Ø.XXX	± .010
APPROVALS		DATE	
DRAWN	TW	03/04/13	
CHECKED	AH	03/04/13	
APPROVED			
REF: S00078T	SCALE: NTS	SHEET 1 OF 1	REV: -

