

Rev	AWO #	Description	Date	Appr
-		RELEASED	4/26/13	

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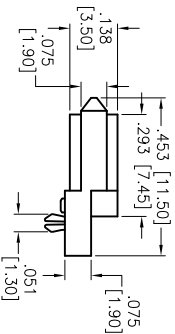
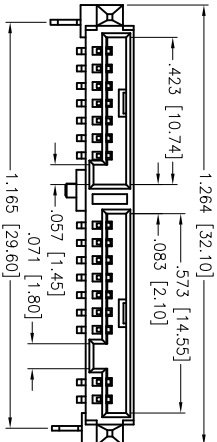
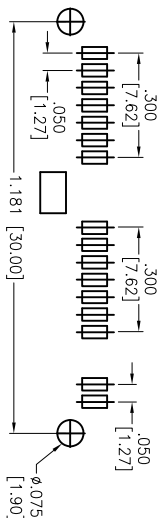
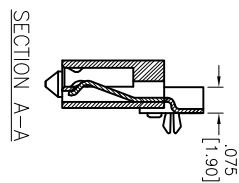
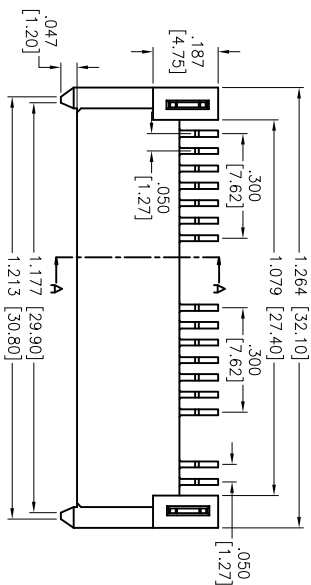
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APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT

C

B

SPECIFICATIONS:

Material:

Insulator: Hi-temp thermoplastic, rated UL 94V-0

Insulator color: Black

Contacts: Phosphor Bronze

Boardlock: Phosphor Bronze, tin plated

Plating:

15u" Gold over Nickel underplate in contact area,

Tin over Copper underplate on tails

Electical:

Current Rating: 1.5 Amps max

Voltage Rating: 12 VAC max

Contact resistance: 30mΩ Max Initial 45mΩ max Final

Insulation resistance: 1,000 MΩ min @ 500 VDC

Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:

Operating temperature: -40°C to +105°C

Environmental:

Lead free, RoHS compliant

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ADAM TECH

909 Railway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

TITLE: SATA CONNECTOR, 7P + 7P+2P, SMT TYPE,
FEMALE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED INCHES		HOLE SIZE		DATE	
.X	± .10	ØXX	± .10		
.XX	± .020	ØXXX	± .015		
.XXX	± .015	ØXXXX	± .010		
APPROVALS		DATE			
DRAWN	AY	4/26/13			
CHECKED	YC	4/26/13			
APPROVED					
SIZE	PART NO.	SCALE	SHEET	REV.	
X	SATA-A14-PM-SMT	NIS	1 OF 1		
REF:	S00078T				

