

6

5

4

3

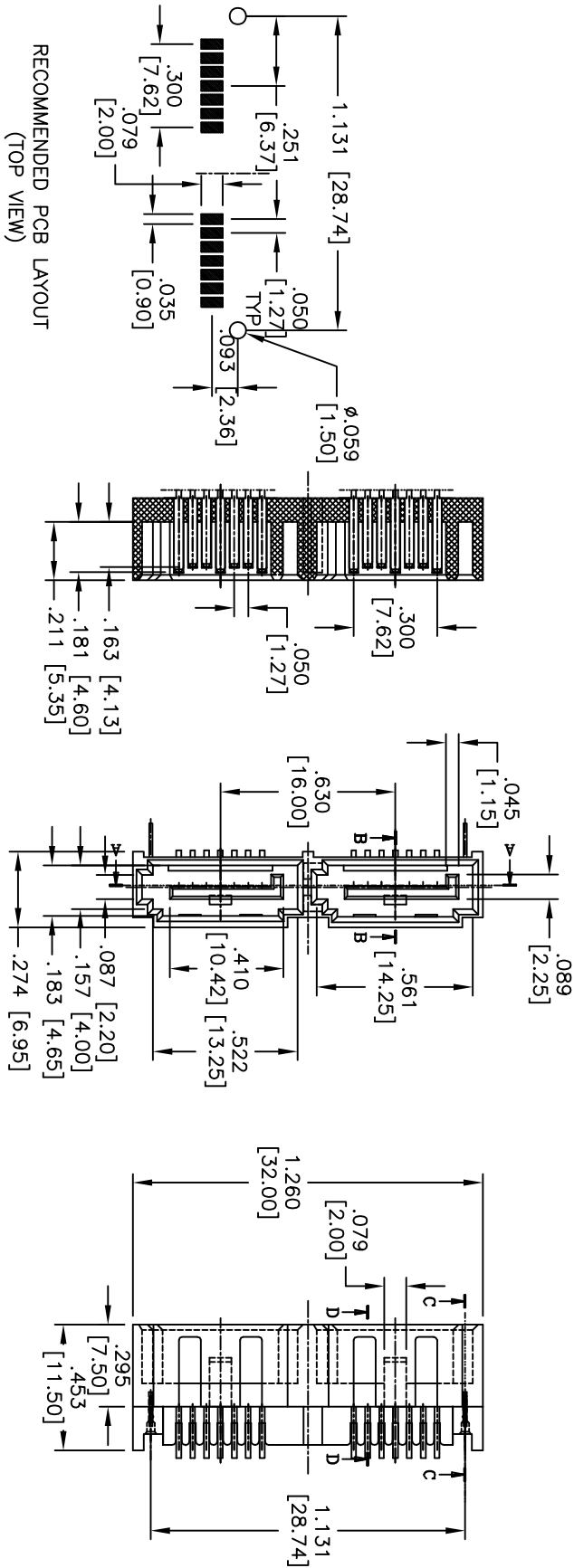
2

1

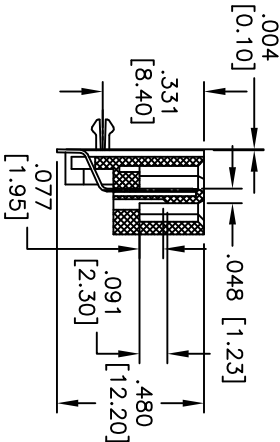
Rev	AWO #	Description	Date	Appr
-		RELEASED	8/17/09	

APPROVED: _____

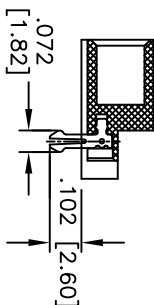
DATE: _____ TITLE: _____



SECT A-A



SECT B-B



SECT C-C

RECOMMENDED PCB LAYOUT
(TOP VIEW)

SPECIFICATIONS:

Material:

Insulator: LCP, rated UL 94V-0

Insulator color: Black

Contacts: Brass

Plating:

Gold flash over Nickel underplate on mating area,
Tin over Copper underplate on 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 VAC

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 seconds



ADAM TECH

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SERIAL ATA CONNECTOR, TYPE E
RIGHT POLARIZATION, SMT TYPE, KEY

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED				TITLE			
INCHES				Holes			
.X	± .10	Ø.X	± .10	.X	± .10	Ø.X	± .10
.XX	± .020	Ø.XX	± .015	.XX	± .015	Ø.XX	± .010
.XXX	± .015	Ø.XXX	± .010	.XXX	± .010	Ø.XXX	± .010
APPROVALS				DATE			
DRAWN	DR	8/17/09					
CHECKED							
APPROVED							
SIZE				PART NO.			
X				SATA-E-PR-SMT-K			
REF:				SCALE: NTS			
S00078T				SHEET 1 OF 1			