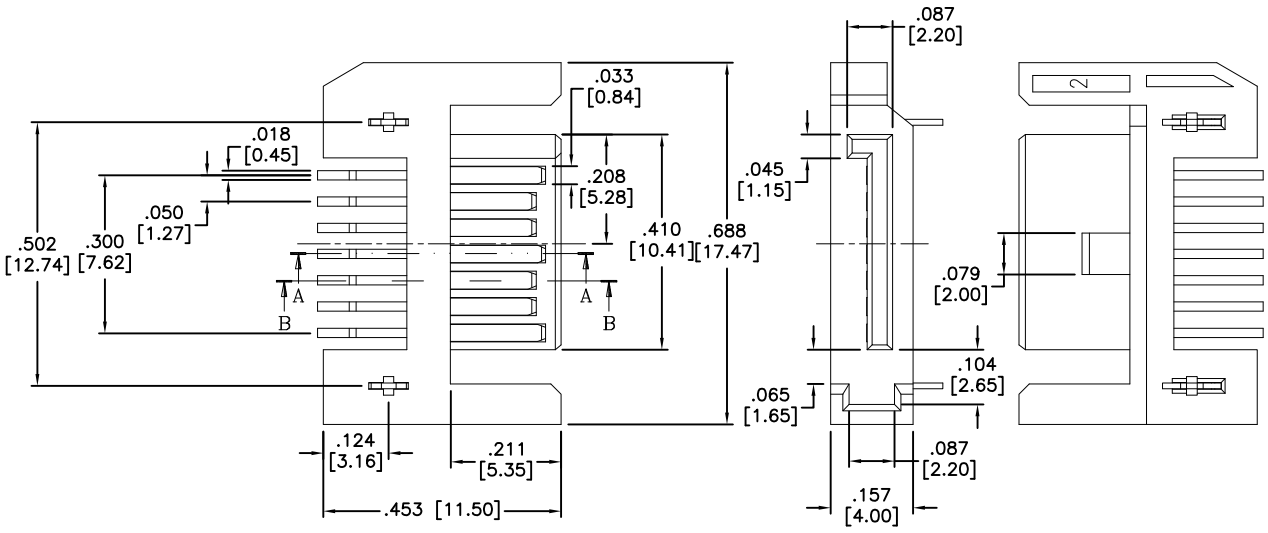
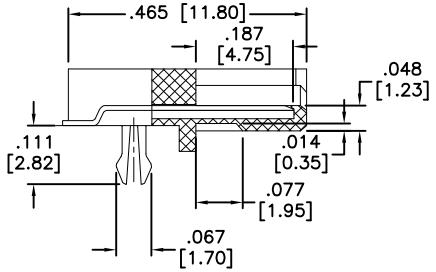
Rev	AWO #	Description	Date	Appr
-		RELEASED	3/2/12	

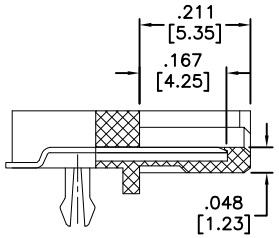
APPROVED: _____

DATE: _____ TITLE: _____

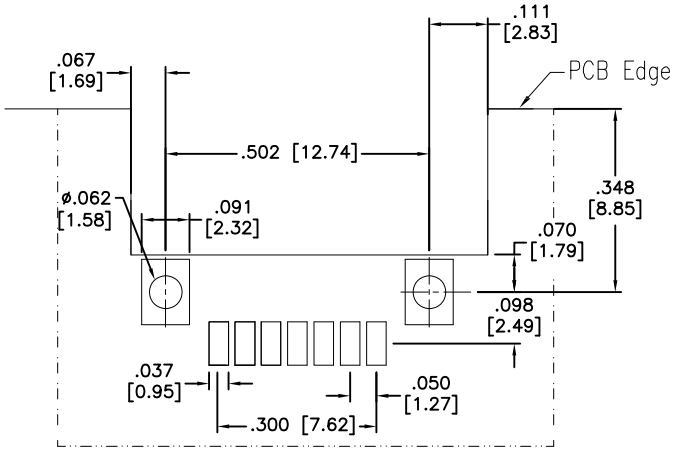




SECTION A–A



SECTION B–B



RECOMMENDED PCB LAYOUT

SPECIFICATIONS:
Material:
Insulator: LCP, rated UL 94V–0
Insulator color: Black
Contacts: Brass
Plating:
15u" Gold over Nickel underplate on mating area,
Tin over Copper underplate on tails
Electrical:
Operating voltage: 30 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
Mechanical:
Insertion force: 45N max.
Withdrawal force: 10N min.
Durability: 500 cycles
Temperature Rating:
Operating temperature: –55°C to +125°C
Environmental:
Lead free, RoHS compliant
Recommended soldering temp: 260°C for 5 seconds

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	AY	3/2/12
CHECKED	OC	3/2/12
APPROVED		

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

TITLE: SERIAL ATA CONNECTOR, TYPE C
RIGHT POLARIZATION, SURFACE MOUNT, KEY

SIZE	PART NO.	REV.
X	SATA-C1-PR-SMT-K-15	-

REF:	SCALE:	SHEET
S00078T	NTS	1 OF 1