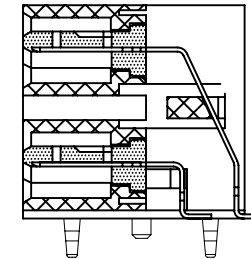
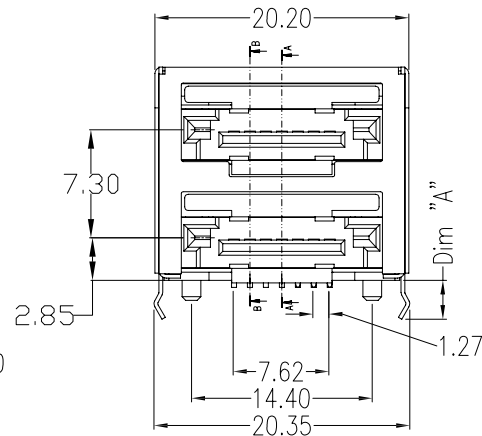
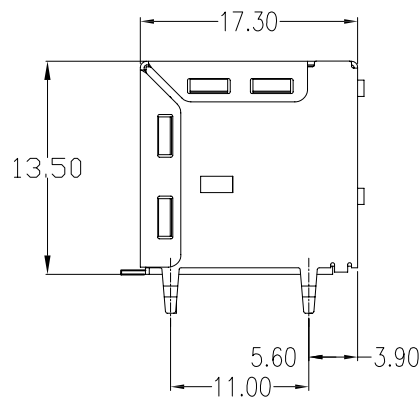
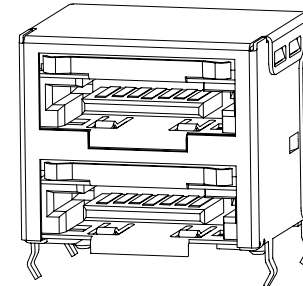
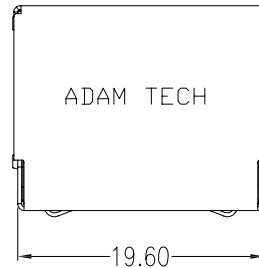


APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
1		PRELIMINARY DESIGN	9/28/06	



SPECIFICATIONS:

Material:

Insulator: LCP, rated UL 94V-0

Insulator color: Black

Contacts: Brass

Shield, Brass Nickel plated

Plating:

Gold flash 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



PRELIMINARY

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	SS	9/28/06
CHECKED		
APPROVED		



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TITLE
LOW PROFILE SERIAL ATA CONNECTOR,
FULLY SHIELDED, SURFACE MOUNT

SIZE	PART NO.	REV.
X	SATA-D-SMT-FS-001	1
REF:		SCALE: NTS SHEET 1 OF 1