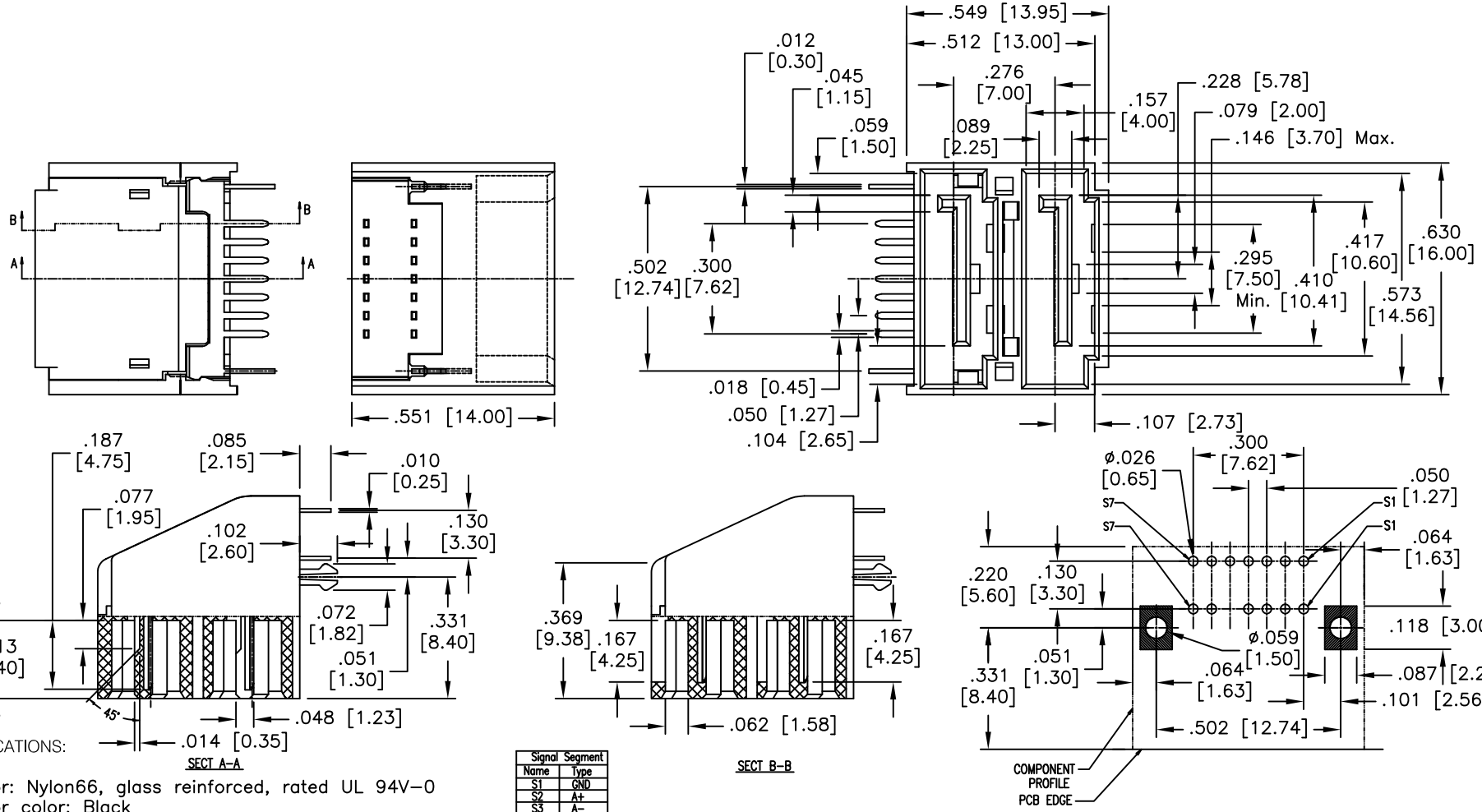
Rev	AWO #	Description	Date	Appr
-		RELEASED	5/25/11	

APPROVED: _____

DATE: _____ TITLE: _____



RECOMMENDED PCB LAYOUT

Signal	Segment
Name	Type
S1	GND
S2	A+
S3	A–
S4	GND
S5	B–
S6	B+
S7	GND

SPECIFICATIONS:

Material:

Insulator: Nylon66, glass reinforced, rated UL 94V–0

Insulator color: Black

Contacts: Brass

Harpoon: Brass, Tin over Nickel

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

Dielectric withstanding voltage: 500 VAC

Temperature Rating:

Operating temperature: –55°C to +125°C

Environmental:

Lead free, RoHS compliant

Recommended soldering temp: 235°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	DY	5/25/11
CHECKED		
APPROVED		

ADAM TECH
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TITLE: SATA CONNECTOR, TYPE D, MALE
14 PIN, LEFT POLARIZATION, R/A DIP TYPE

SIZE	PART NO.	REV.
X	SATA-D-PL-RT	-

REF: S00078T | SCALE: NTS | SHEET 1 OF 1