

J1	CABLE	J2
1	<DRAIN 1>GND	1
2	BLUE	2
3	WHITE	3
4	(DRAIN1+2)GND	4
5	BLUE	5
6	WHITE	6
7	<DRAIN 2>GND	7
8	SHIELD	8

J3	J4
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

J1/J2/J3/J4	NOTE	DEFINITION
1	FIRST MATE	GND
2	DIFFERENTIAL SIGNAL	A+
3	PAIR A FRDM PHY	A-
4	FIRST MATE	GND
5	DIFFERENTIAL	B-
6	PAIR B FRDM PHY	B+
7	FIRST MATE	GND
8	SHIELD	SHELL

PIN ASSENGMENT

PIN DEFINITION

SPECIFICATIONS:
ENVIRONMENTAL:
 TEMPERATURE RANGE: -20°C TO +85°C
MECHANICAL:
 INSULATOR MATERIAL: THERMOPLASTIC COMPOUNDS, UL94V-0
 CONTACT MATERIAL: COPPER ALLOY
 DURABILITY : 50 CYCLES
ELECTRICAL:
 CURRENT RATING : 1AMP
 INSULATION RESISTANCE: >100 MEGOHMS
 CONTACT RESISTANCE : <30 MILLOHMS
 <45 MILLOHMS AFTER STRESS


1. INTERPRET DIMENSIONS AND TOLERANCES ASME Y14.5M-1994

NOTE: UNLESS OTHERWISE SPECIFIED

ITEM	DESCRIPTION	QTY	UNIT
1	SERIAL ATA CABLE AWM 2725 26AWG RED	2	EA
2	CONNECTOR SERIAL ATA I 7PIN MALE(METAL SHELL)	2	EA
3	PVC MOLDING, SSP, COLOR: BLACK	9	
4	CONNECTOR SERIAL ATA II 7PIN FEMALE(METAL SHELL)	2	PCS

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
A	SATA II 7PIN FEMALE*/SATA I MALE *2 W/BRACK L50CM	05/12/03	A4	A	SATA I-SATA IIX2-050L

UNLESS OTHERWISE SPECIFIED TOLERANCE	
ANG.	±0.5
SCALE:	none
DRAWN	ERIC XU
CHECKED	


DUN CHENG TECH. CORP.
 TEL:886-2-26739970 FAX:886-2-26739980
 DRAWN NAME: SATA I-SATA IIX2-050L