



LOGO ON BACK SIDE  
**Serial**  
 ATA

J1	CABLE	J2	J3	J4	J1/J2/J3/J4	NOTE	DEFINITION
1	<DRAIN 1>GND	1	1	1	1	FIRST MATE	GND
2	BLUE	2	2	2	2	DIFFERENTIAL SIGNAL	A+
3	WHITE	3	3	3	3	PAIR A FROM PHY	A-
4	(DRAIN1+2)GND	4	4	4	4	FIRST MATE	GND
5	BLUE	5	5	5	5	DIFFERENTIAL	B-
6	WHITE	6	6	6	6	PAIR B FROM PHY	B+
7	<DRAIN 2>GND	7	7	7	7	FIRST MATE	GND
8	SHIELD	8	8	8	8	SHIELDING	SHELL

PIN ASSIGNMENT

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 SHIELD BRAID 26AWG RED	2	EA
2	CONNECTOR SERIAL ATA II 7PIN MALE(METAL SHELL)	2	EA
3	PVC MOLDING, SSP, COLOR: BLACK	9	
4	CONNECTOR SERIAL ATA II 7PIN FEMALE(METAL SHELL)	2	PCS

A	SATA II 7PIN FEMALE*/SATA II MALE *2 W/BRACK L50CM	05/25/05	APPROVED	SIZE A4	REV. A	FILE NAME:
REV.	DESCRIPTION	DATE	APPROVED	SIZE	REV.	FILE NAME:

UNLESS OTHERWISE SPECIFIED TOLERANCE  
 ANG. F0.5  
 0. F0.5  
 .00 F0.2

SCALE: none UNIT: mm  
 DRAWN My.Chen 05/25/05  
 CHECKED



**DUN CHENG TECH. CORP.**  
 TEL:886-2-26739970 FAX:886-2-26739980  
 DRAWN NAME:

SATA II-SATA II-2-050BL  
 PRODUCT NO.