



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 FRDM 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 FRDM 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		Q'TY	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

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME
A	SATA II 7PIN FEMALE*/SATA II MALE *2 W/BRACK L50CM	05/07/30	A4	A	SATA II-7MF-x2-050BL

UNLESS OTHERWISE SPECIFIED TOLERANCE
 ANG. E5
 0. F0.5
 .00 F0.3
 .02 F0.2

SCALE: none UNIT: mm
 DRAWN: ERIC XU 05/07/30
 CHECKED: / /

APPROVED: / /

DUN CHENG TECH. CORP.
 TEL:886-2-26739970 FAX:886-2-26739980
 DRAWN NAME: SATA II-7MF-x2-050BL