



J1	CABLE	J2
1	(DRAIN 1)GND	1
2	BLUE	2
3	WHITE	3
4	(DRAIN 1+2)GND	4
5	BLUE	5
6	WHITE	6
7	(DRAIN 2)GND	7

J1/J2	NOTE	DEFINITION
1	FIRST MATE	GND
2	DIFFERENTIAL SIGNAL	A+
3	PAIR A FROM PHY	A-
4	FIRST MATE	GND
5	DIFFERENTIAL	B-
6	PAIR B FROM PHY	B+
7	FIRST MATE	GND

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

D E S C R I P T I O N

ITEM	DESCRIPTION	Q'TY	UNIT
1	SERIAL ATA CABLE AWM 2725 26AWG RED	1	PCS
2	CONNECTOR SERIAL ATA I 7PIN MALE	1	EA
3	PVC INSERT-MOLDING, SSP, COLOR: BLACK	1	EA
4	CONNECTOR SERIAL ATA II 7PIN FEMALE(METAL SHELL)	1	EA
5	SCREW 4#40		

REV.	DESCRIPTION	DATE	SIZE	REV.	FILE NAME:
A	SATA II 7PIN FEMALE/SATA I MALE W/BRACKET L50CM	06/02/23	A4	A	PRODUCT NO. 坤銘SATAI-SATAII-056L

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG. F0.5
 0. F0.5
 .00 F0.2

SCALE: none UNIT: mm
 DRAWN eric xu 06/02/23
 CHECKED

APPROVED
 DATE 06/02/23



DUN CHENG TECH. CORP.
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坤銘SATAI-SATAII-056L