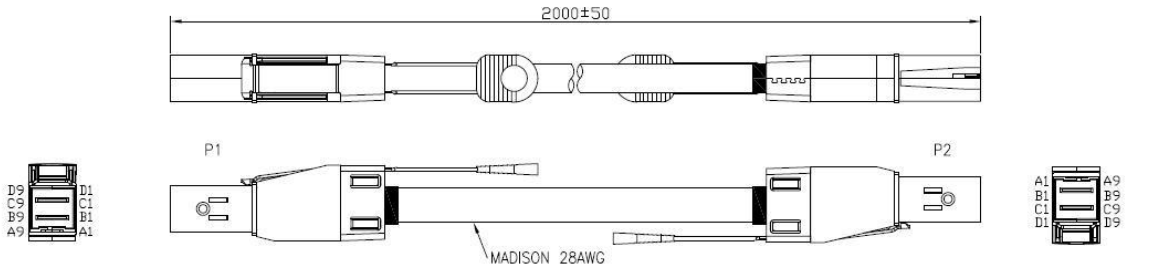


REV.	1	2	3	4	5	6	7	8	9	
	REMARK		DATE	SIGN.						RoHS



MATERIAL RoHS COMPLIANT:

1.CABLE:

CONDUCTOR: 28AWG SOLID SILVER PLATED COPPER.

INSULATION: FOAM POLYOLEFIN.

PAIR: 2 SINGLES LAID FLAT AND PARALLEL.

CORE: 8 PAIRS

PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER.

PAIR SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING IN, 25% OVERLAP.

INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING OUT, 25% OVERLAP.

OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.

DIAMETER: 7.874mm

PRINT LEGEND: "MADISON CABLE CORP. TYPE CL2 75°C 28AWG (UL) TurboTwin® RoHS COMPLIANT"

DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR

UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE.

2.CONNECTOR:

P1,P2: Mini SAS HD 4x CABLE PLUG (SFF-8644)

(1) P.C.B: 6 LAYERS, GOLD PLATING ON CONTACT PADS.

(2) LATCH: STAINLESS STEEL

(3) BACKSHELL: ZINC DIE CASTING HOOD/ NICKEL PLATING

(4) PULL TAB: NYLON UL94V-0, COLOR: BLUE.

(5) EMI GASKET.

3.FOR SAS 6.0 Gbps.

4.TWO-WIRED SERIAL MEMORY: ATMEL AT24C02B EEPROM (256 BYTES).

	DESC.	Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
	P/N	UASS-RC005919	CUSTOMER P/N		Sino		DATE	01/04/'12	DWG NO:	DWG\RC\5919	

REV.	1	2	3	4	5	6	7	8	9
	REMARK		DATE	SIGN.					

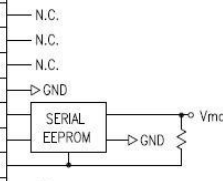
WIRING DIAGRAM

HIGH SPEED SIGNAL			
P1(Mini SAS HD 4x Plug)		P2(Mini SAS HD 4x Plug)	
PIN	SIGNAL	PAD	SIGNAL
A4	RX1+	C4	TX1+
A5	RX1-	C5	TX1-
A7	RX3+	C7	TX3+
A8	RX3-	C8	TX3-
B4	RX0+	D4	TX0+
B5	RX0-	D5	TX0-
B7	RX2+	D7	TX2+
B8	RX2-	D8	TX2-
C4	TX1+	A4	RX1+
C5	TX1-	A5	RX1-
C7	TX3+	A7	RX3+
C8	TX3-	A8	RX3-
D4	TX0+	B4	RX0+
D5	TX0-	B5	RX0-
D7	TX2+	B7	RX2+
D8	TX2-	B8	RX2-
GND GROUP GND		GND GROUP GND	

GND GROUP 1:
P1-A3,A6,A9,B3,B6,B9, P2-C3,C6,C9,D3,D6,D9

GND GROUP 2:
P1-C3,C6,C9,D3,D6,D9, P2-A3,A6,A9,B3,B6,B9

LOW SPEED SIGNAL & POWER	
P1,P2(Mini SAS HD 4x Plug)	
PAD	SIGNAL
A1	Reserved
A2	IntL
B1	Vact
B2	ModPrsL
C1	SCL
C2	SDA
D1	Vact
D2	Vman



	DESC.	Mini SAS HD 4x/Mini SAS HD 4x CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
	P/N	UASS-RC005919	CUSTOMER P/N		Sino		DATE	01/04/'12	DWG NO:	DWG\RC\5919	