

1	2	3	4	5	6	7	8	9
REV.	REMARK	DATE	SIGN.					
◇	CHANGE CABLE & PCB	01/25/'13	Sino					

RoHS

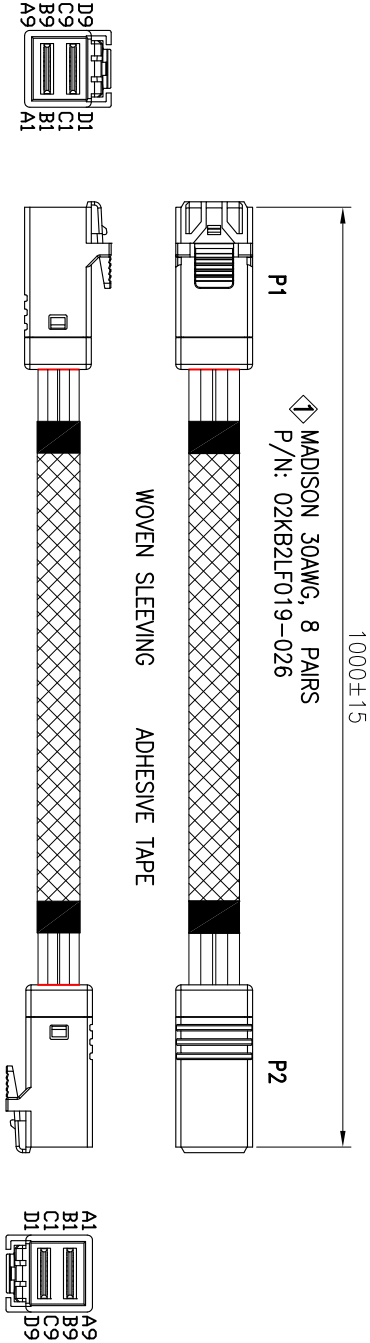
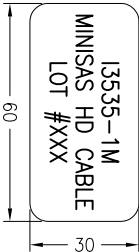
WIRING DIAGRAM

HIGH SPEED SIGNAL			
P1(Mini SAS HD 4i Plug)(HOST)		P2(Mini SAS HD 4i Plug)(TARGET)	
PIN	SIGNAL	PAID	SIGNAL
D8	TX2-	B8	RX2-
D7	TX2+	B7	RX2+
D5	TX0-	B5	RX0-
D4	TX0+	B4	RX0+
D2	SIDEBAND 6	D1	SIDEBAND 6
D1	SIDEBAND 5	D2	SIDEBAND 5
C1	SIDEBAND 4	C2	SIDEBAND 4
C2	SIDEBAND 2	C1	SIDEBAND 2
C4	TX1+	A4	RX1+
C5	TX1-	A5	RX1-
C7	TX3+	A7	RX3+
C8	TX3-	A8	RX3-
B8	RX2-	D8	TX2-
B7	RX2+	D7	TX2+
B5	RX0-	D5	TX0-
B4	RX0+	D4	TX0+
B2	SIDEBAND 1	B1	SIDEBAND 1
B1	SIDEBAND 3	B2	SIDEBAND 3
A1	SIDEBAND 7	A2	SIDEBAND 7
A2	SIDEBAND 0	A1	SIDEBAND 0
A4	RX1+	C4	TX1+
A5	RX1-	C5	TX1-
A7	RX3+	C7	TX3+
A8	RX3-	C8	TX3-
GND GROUP	GND	GND GROUP	GND
GND GROUP: A3,A6,A9,B3,B6,B9, C3,C6,C9,D3,D6,D9.		GND GROUP: A3,A6,A9,B3,B6,B9, C3,C6,C9,D3,D6,D9.	

MATERIAL RoHS COMPLIANT:

1. CABLE:
CONDUCTOR: 30AWG SOLID SILVER PLATED COPPER.
INSULATION: FOAM POLYOLEFIN.
PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
PAIR DRAIN WIRE: 30AWG SOLID TIN PLATED COPPER.
PAIR SHIELD: ALUMINUM/POLYESTER TAPE.
ALUMINUM SIDE FACING IN, 25% OVERLAP.
DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
UL RECOGNIZED: AWM STYLE 21490 80°C 30 VOLTS.
2. CONNECTOR:
P1,P2: Mini SAS HD 4i CABLE PLUG (SFF-8643)
◇ (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-040115LF REV.A / MPCB-040116LF REV.A)
(2) HOUSING: PBT, BLACK.
3. FOR SAS 12.0 Gbps.

4. LABELING ON BAG:



DataStorageCables.com

DESC.	Mini SAS HD 4i/Mini SAS HD 4i CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	DWG NO: DWG\RC\5966
P/N		CUSTOMER P/N	13535-1M	Sino		DATE	01/25/'13	DWG	NO: DWG\RC\5966	

1 2 3 4 5 6 7 8 9