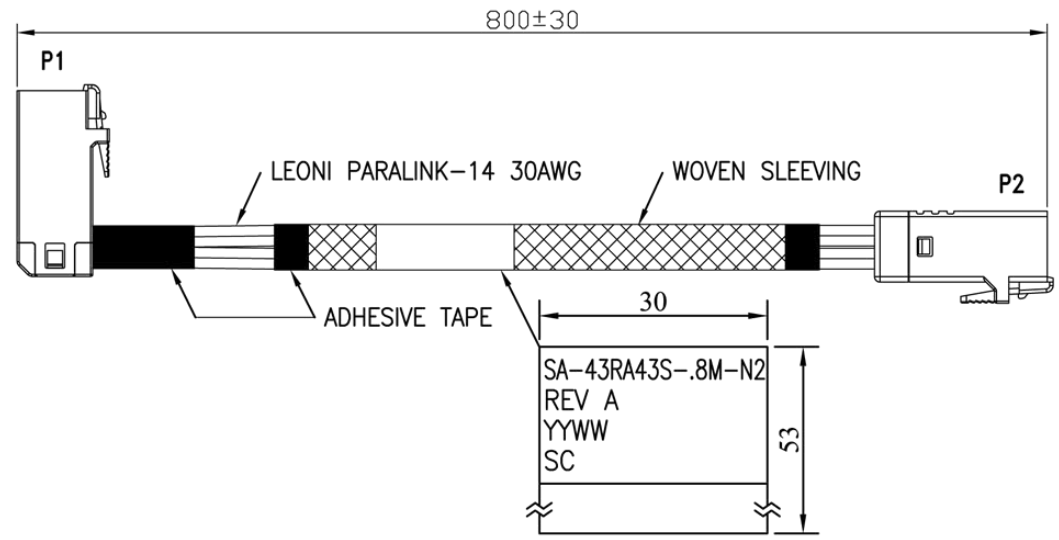
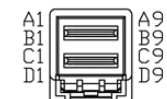
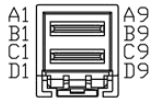


REV.	REMARK	DATE	SIGN.	1	2	3	4	5	6	7	8	9
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RoHS

WIRING DIAGRAM

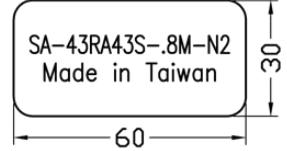
HIGH SPEED SIGNAL			
P1(Mini SAS HD 4i Plug)(HOST)		P2(Mini SAS HD 4i Plug)(TARGET)	
PIN	SIGNAL	PAD	SIGNAL
B4	RX0+	D4	TX0+
B5	RX0-	D5	TX0-
A4	RX1+	C4	TX1+
A5	RX1-	C5	TX1-
A1	SIDEBAND 7	A2	SIDEBAND 7
B1	SIDEBAND 3	B2	SIDEBAND 3
C1	SIDEBAND 4	C2	SIDEBAND 4
D1	SIDEBAND 5	D2	SIDEBAND 5
B7	RX2+	D7	TX2+
B8	RX2-	D8	TX2-
A7	RX3+	C7	TX3+
A8	RX3-	C8	TX3-
D4	TX0+	B4	RX0+
D5	TX0-	B5	RX0-
C4	TX1+	A4	RX1+
C5	TX1-	A5	RX1-
A2	SIDEBAND 0	A1	SIDEBAND 0
B2	SIDEBAND 1	B1	SIDEBAND 1
C2	SIDEBAND 2	C1	SIDEBAND 2
D2	SIDEBAND 6	D1	SIDEBAND 6
D7	TX2+	B7	RX2+
D8	TX2-	B8	RX2-
C7	TX3+	A7	RX3+
C8	TX3-	A8	RX3-
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:

- CABLE:
 - CONDUCTOR: 30 AWG SOLID SILVER PLATED COPPER.
 - INSULATION: SKIN-FOAM-SKIN
 - PAIR: 2 WIRES, WH AND YE PARALLEL.
 - PAIR DRAIN WIRE: $\phi 0.2$ mm (32AWG) TINNED COPPER.
 - PAIR SHIELD: ALUMINUM FOIL OVERLAPPED, ALU INSIDE.
 - DIFFERENTIAL IMPEDANCE: 100 ± 5 OHM.

3. LABELING ON BAG:



- 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.



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DESC.	Mini SAS HD 4i(R/A)/Mini SAS HD 4i CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	UASS-RC006135	CUSTOMER P/N	SA-43RA43S-.8M-N2	Sino		DATE	03/29/13	DWG NO:	DWG\RC\6135	

1	2	3	4	5	6	7	8	9
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