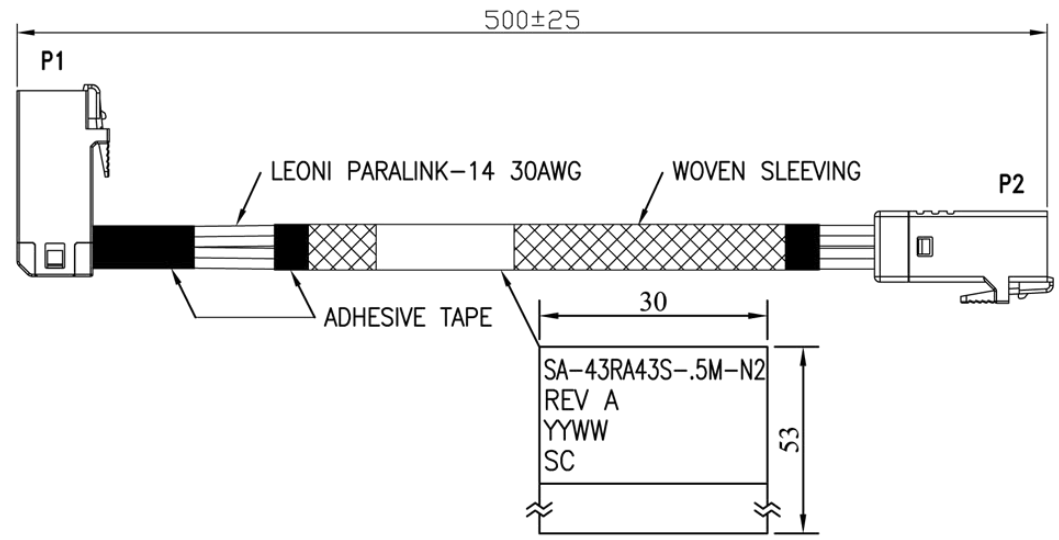
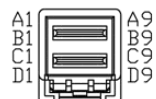
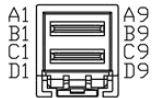


REV.	REMARK	DATE	SIGN.



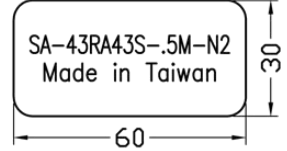
WIRING DIAGRAM

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.	



SA-43RA43S-.5M-N2
REV A
YYWW
SC

3. LABELING ON BAG:



MATERIAL RoHS COMPLIANT:

1. 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.

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.



Cable design and drawings are proprietary property of Serial Cables and no copying, reverse engineering or alterations to the drawing may be made without prior written authorization from Serial Cables.

DESC.	Mini SAS HD 4i(R/A)/Mini SAS HD 4i CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	UASS-RC006134	CUSTOMER P/N	SA-43RA43S-.5M-N2	Sino		DATE	03/29/13	DWG NO:	DWG\RC\6134	