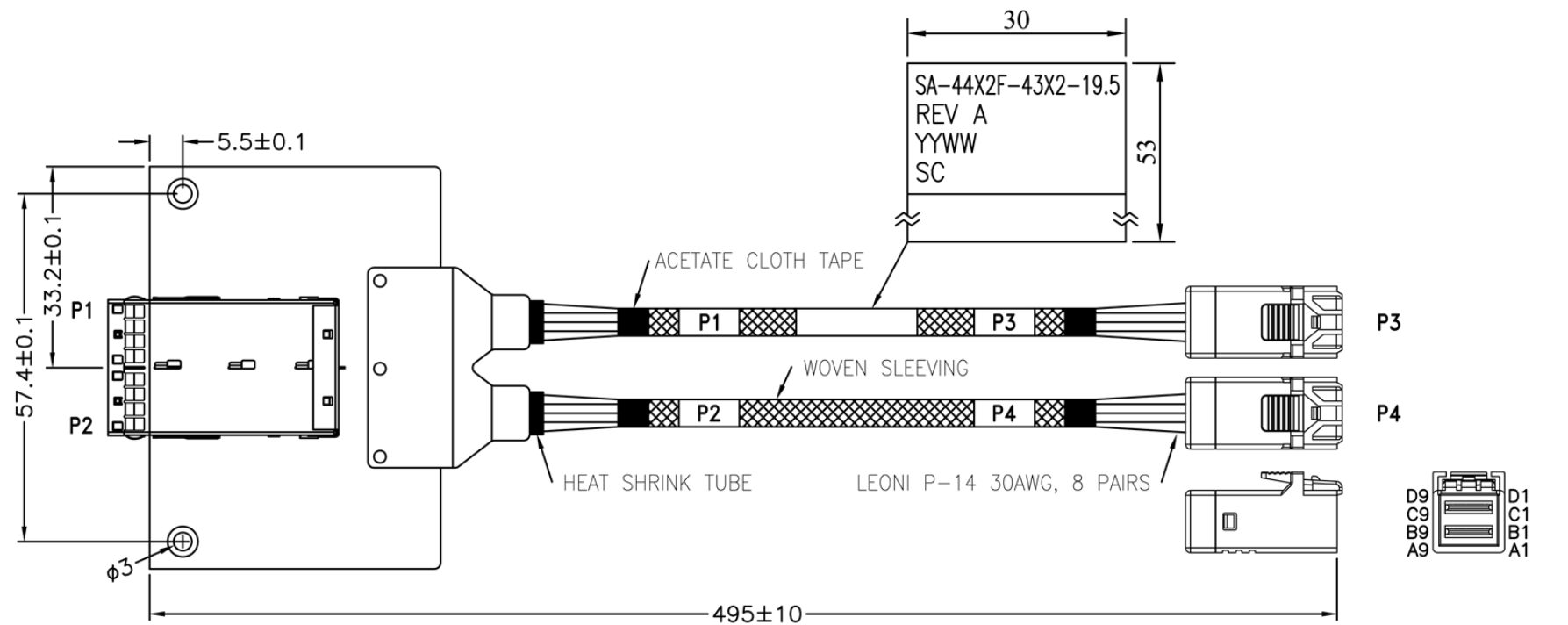


1	2	3	4	5	6	7	8	9
REV.	REMARK	DATE	SIGN.					

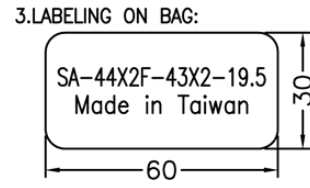
RoHS



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 4x REC. (SFF-8644)
 P3,P4: Mini SAS HD 4i 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.



DESC.	Mini SAS HD 4x REC.*2 TO Mini SAS HD 4i*2 CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	B-4528	CUSTOMER P/N	SA-44X2F-43X2-19.5	Sino		DATE	08/22/13	DWG NO:	DWG\B\4528	

REV.	REMARK	DATE	SIGN.

WIRING DIAGRAM

HIGH SPEED SIGNAL				HIGH SPEED SIGNAL			
P1(Mini SAS HD 4x Rec.)		P3(Mini SAS HD 4i Plug)		P2(Mini SAS HD 4x Rec.)		P4(Mini SAS HD 4i Plug)	
PAD	SIGNAL	PIN	SIGNAL	PAD	SIGNAL	PIN	SIGNAL
D4	TX0+	D4	TX0+	D4	TX0+	D4	TX0+
D5	TX0-	D5	TX0-	D5	TX0-	D5	TX0-
C4	TX1+	C4	TX1+	C4	TX1+	C4	TX1+
C5	TX1-	C5	TX1-	C5	TX1-	C5	TX1-
D7	TX2+	D7	TX2+	D7	TX2+	D7	TX2+
D8	TX2-	D8	TX2-	D8	TX2-	D8	TX2-
C7	TX3+	C7	TX3+	C7	TX3+	C7	TX3+
C8	TX3-	C8	TX3-	C8	TX3-	C8	TX3-
B4	RX0+	B4	RX0+	B4	RX0+	B4	RX0+
B5	RX0-	B5	RX0-	B5	RX0-	B5	RX0-
A4	RX1+	A4	RX1+	A4	RX1+	A4	RX1+
A5	RX1-	A5	RX1-	A5	RX1-	A5	RX1-
B7	RX2+	B7	RX2+	B7	RX2+	B7	RX2+
B8	RX2-	B8	RX2-	B8	RX2-	B8	RX2-
A7	RX3+	A7	RX3+	A7	RX3+	A7	RX3+
A8	RX3-	A8	RX3-	A8	RX3-	A8	RX3-
GND GROUP	GND	GND GROUP	GND	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.		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.	



DESC.	Mini SAS HD 4x REC.*2 TO Mini SAS HD 4i*2 CABLE ASS'Y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	B-4528	CUSTOMER P/N		Sino		DATE	08/22/'13	DWG NO:	DWG\B\4528	