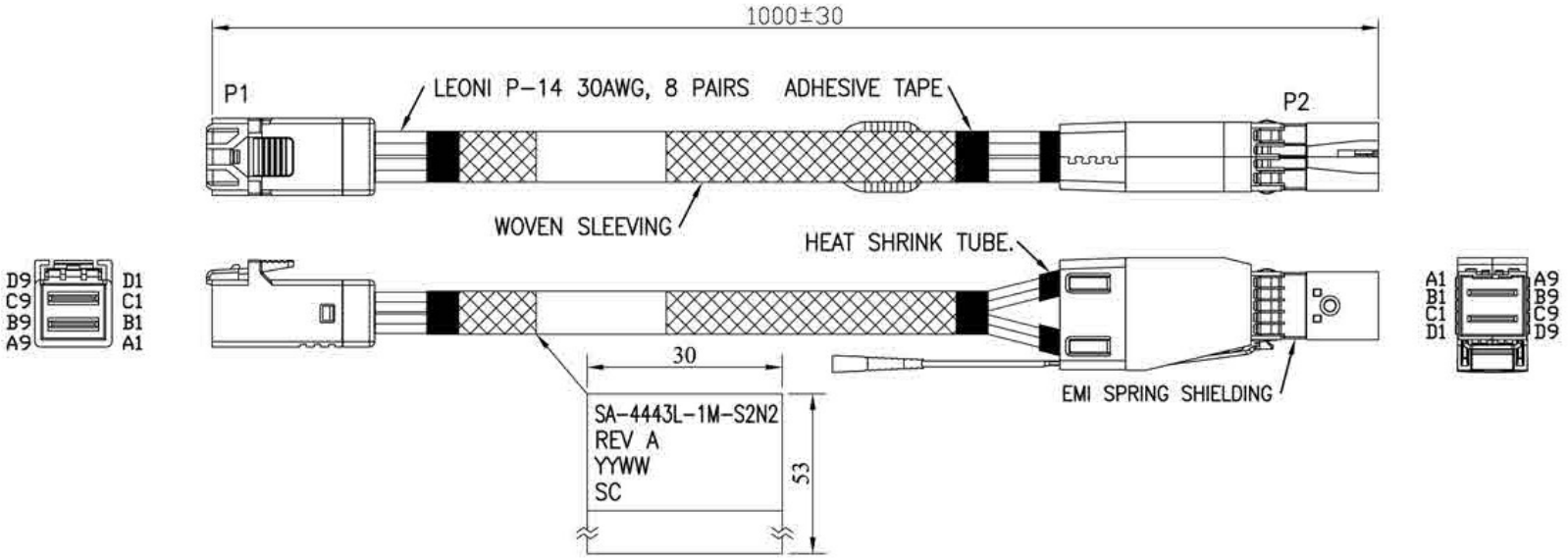
REV.	REMARK	DATE	SIGN.

RoHS



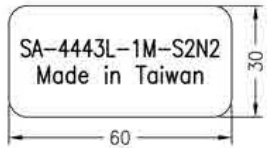
MATERIAL RoHS COMPLIANT:

1. CABLE:
   CONDUCTOR: 30 AWG SOLID SILVER PLATED COPPER.
   INSULATION: SKIN-FOAM-SKIN
   PAIR: 2 WIRES, WH AND YE PARALLEL.
   PAIR DRAIN WIRE: ø0.2 mm (32AWG) TINNED COPPER.
   PAIR SHIELD: ALUMINUM FOIL OVERLAPPED, ALU INSIDE.
   DIFFERENTIAL IMPEDANCE: 100±5 OHM.

2. CONNECTOR:
   P1: 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.
   P2: Mini SAS HD 4x CABLE PLUG (SFF-8644)
   (1) P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-040113LF REV.A / SPCB-040114A)
   (2) LATCH: STAINLESS STEEL
   (3) BACKSHELL- ZINC DIE CASTING HOOD/ NICKEL PLATING
   (4) PULL TAB: NYLON UL94V-0, COLOR: BLUE.
   (5) EMI SPRING SHIELDING

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

4. LABELING ON BAG:



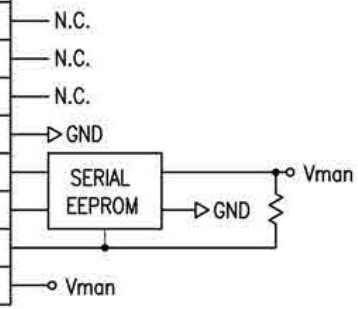
DESC.	Mini SAS HD 4i/Mini SAS HD 4x CABLE ASS'Y			APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N	UASS-RC006142	CUSTOMER P/N	SA-4443L-1M-S2N2			Sino		DATE	04/01/'13	DWG NO:	DWG\RC\6142

REV.	REMARK	DATE	SIGN.

WIRING DIAGRAM

HIGH SPEED SIGNAL				
P1(Mini SAS HD 4i 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: 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.	

LOW SPEED SIGNAL & POWER	
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 4i/Mini SAS HD 4x CABLE ASS'Y		APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	UASS-RC006142	CUSTOMER P/N			Sino	*	DATE	04/01/'13	DWG NO:	DWG\RC\6142	