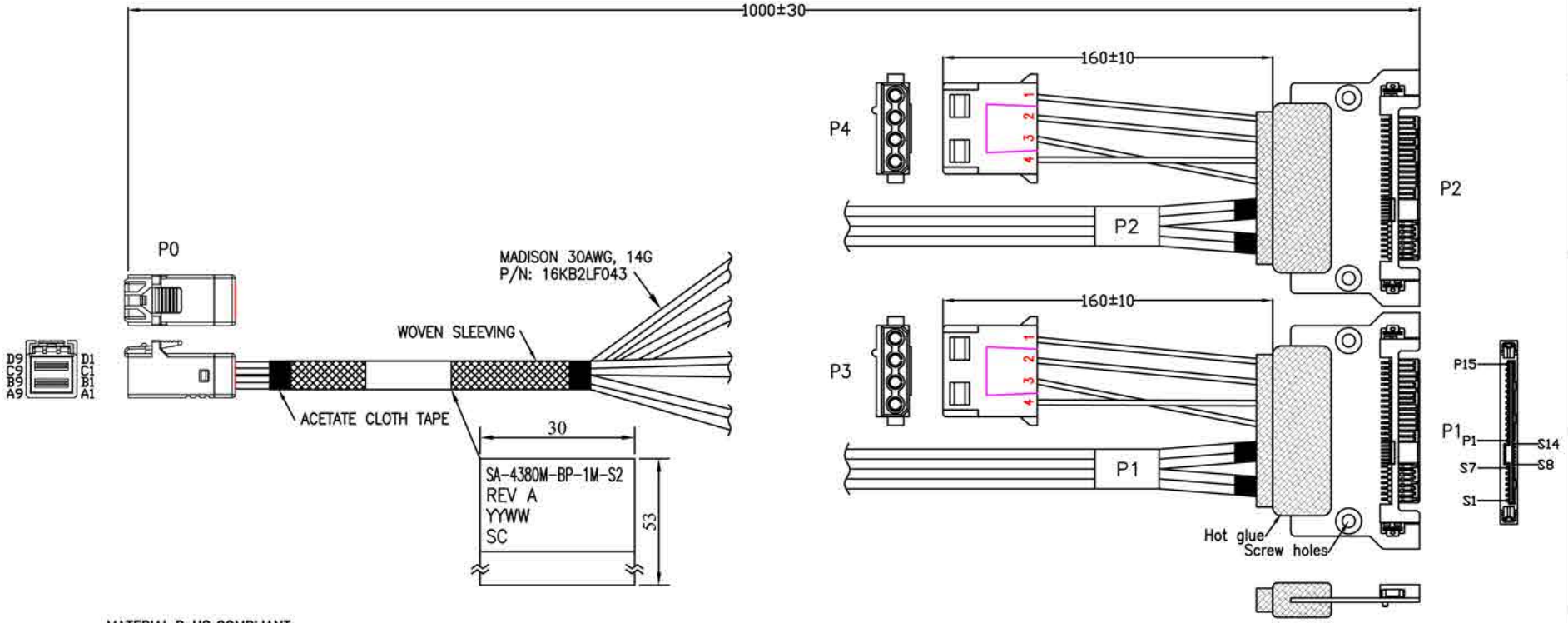
REV.	REMARK	DATE	SIGN.

RoHS

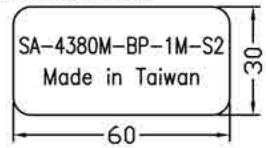


MATERIAL RoHS COMPLIANT:

1.CABLE:
CONDUCTOR: 30AWG SOLID SILVER PLATED COPPER.
INSULATION: FOAM POLYOLEFIN.
PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER.
PAIR SHIELD: ALUMINUM/POLYESTER TAPE,
ALUMINUM SIDE FACING IN, 25% OVERLAP.
INNER SHIELD: ALUMINUM/POLYESTER TAPE,
ALUMINUM SIDE FACING OUT, 25% OVERLAP.
DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725
OF THE NATIONAL ELECTRICAL CODE.

2.CONNECTOR:
P0: MiniSASHD4i 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.
P1,P2: SAS DRIVE R/A SMT PLUG (SFF-8680)
P3,P4: 4 POSITION DC POWER REC.
POWER CABLE: UL 1007 18AWG 80°C 300V
3.FOR SAS 12.0 Gbps.

4.LABELING ON BAG:



Serial Cables, LLC

DESC.	Mini SAS HD 4i TO 2*SAS DRIVE R/A SMT PLUG WITH POWER CABLE ASS'Y			APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm
P/N	B-4828	CUSTOMER P/N	SA-4380M-BP-1M-S2			Sino		DATE	07/18/'14	DWG NO:	DWG\B\4828

REV.	REMARK	DATE	SIGN.

WIRING DIAGRAM

MiniSASHD4i PLUG (P0, HOST)		SAS DRIVE PLUG(SFF-8680) (P1-P2)			4P POWER REC.			
PIN	SIGNAL	PLUG	PIN	SIGNAL	REC.	PIN	SIGNAL	
B4	RX0+	P1	S2	RP+	P3			
B5	RX0-		S3	RP-				
D5	TX0-		S5	TP-				
D4	TX0+		S6	TP+				
GND GROUP			S1,S4,S7	GND				
A4	RX1+		S9	RS+				
A5	RX1-		S10	RS-				
C5	TX1-		S12	TS-				
C4	TX1+		S13	TS+				
GND GROUP			S8,S11,S14	GND				
			P13,P14,P15	+12V		1	+12V	YELLOW
			P10,P11,P12	GND		2	GND	BLACK
			P7,P8,P9	+5V		4	+5V	RED
			P4,P5,P6	GND		3	GND	BLACK
B7	RX2+	P2	S2	RP+	P4			
B8	RX2-		S3	RP-				
D8	TX2-		S5	TP-				
D7	TX2+		S6	TP+				
GND GROUP			S1,S4,S7	GND				
A7	RX3+		S9	RS+				
A8	RX3-		S10	RS-				
C8	TX3-		S12	TS-				
C7	TX3+		S13	TS+				
GND GROUP			S8,S11,S14	GND				
			P13,P14,P15	+12V		1	+12V	YELLOW
			P10,P11,P12	GND		2	GND	BLACK
			P7,P8,P9	+5V		4	+5V	RED
			P4,P5,P6	GND		3	GND	BLACK

P0 GND GROUP:
A3,A6,A9,B3,B6,B9,
C3,C6,C9,D3,D6,D9.

Serial Cables, LLC	DESC.	Mini SAS HD 4i TO 2*SAS DRIVE R/A SMT PLUG WITH POWER CABLE ASS'Y		APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
	P/N	B-4828	CUSTOMER P/N			Sino		DATE	07/18/'14	DWG NO:	DWG\B\4828	