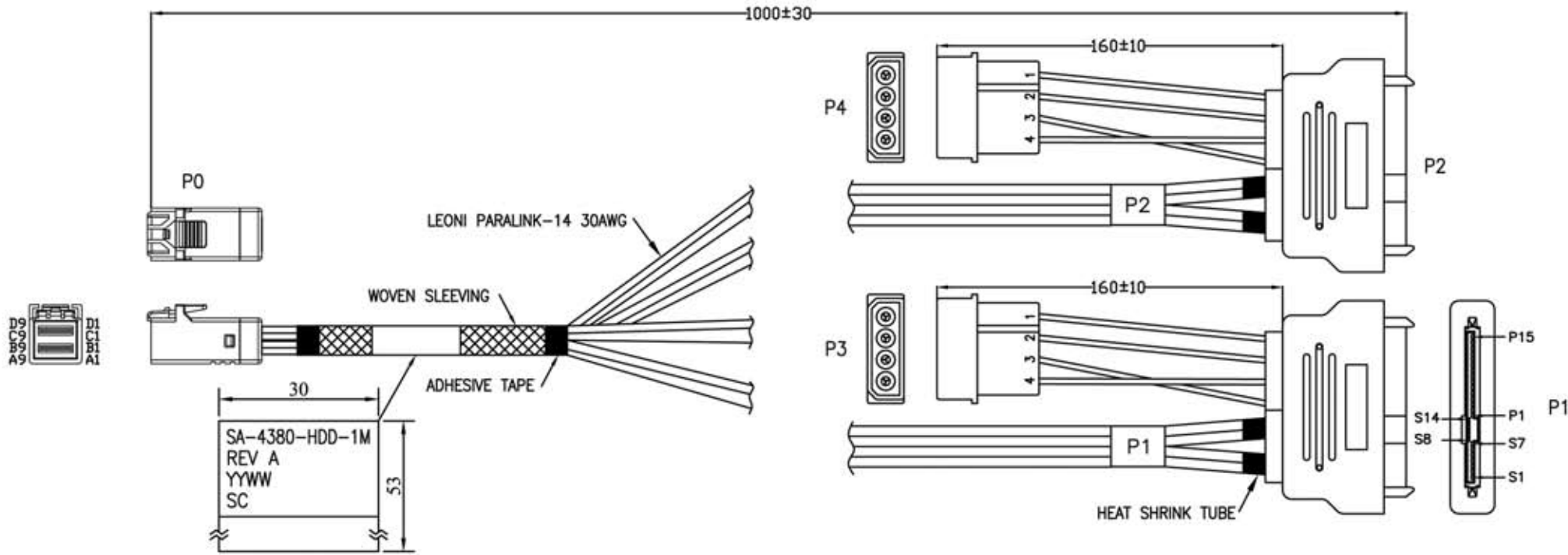


REV.	REMARK	DATE	SIGN.
◇	Add SAS DRIVE P/N	02/25/'13	Sino

RoHS



**MATERIAL RoHS COMPLIANT:**

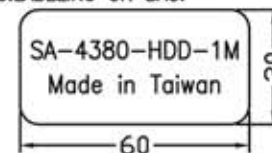
**1.CABLE:**

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:  $100 \pm 5$  OHM.

**2.CONNECTOR:**

P0: 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.  
 P1,P2: SAS DRIVE REC.(SFF-8680)(MSAS-F29S001G)  
 P3,P4: 4 POSITION DC POWER PLUG  
 POWER CABLE: UL 1007 18AWG 80°C 300V

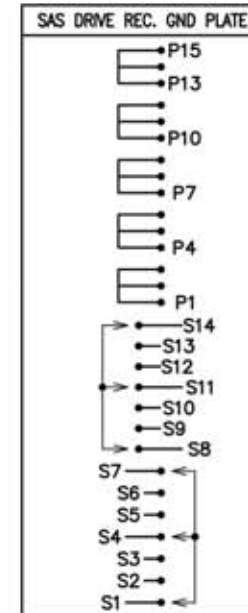
**3.LABELING ON BAG:**



DESC.	Mini SAS HD 4i TO 2*SAS drive cable rec. with power cable ass'y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	UASS-RC005927	CUSTOMER P/N	SA-4380-HDD-1M	Sino		DATE	03/08/'13	DWG NO:	DWG\RC\5927	

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

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



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



DESC.	Mini SAS HD 4i TO 2*SAS drive cable rec. with power cable ass'y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	UASS-RC005927	CUSTOMER P/N		Sino		DATE	03/07/'13	DWG NO:	DWG\RC\5927	