

REV.	REMARK	DATE	SIGN.

RoHS

**MATERIAL RoHS COMPLIANT:**

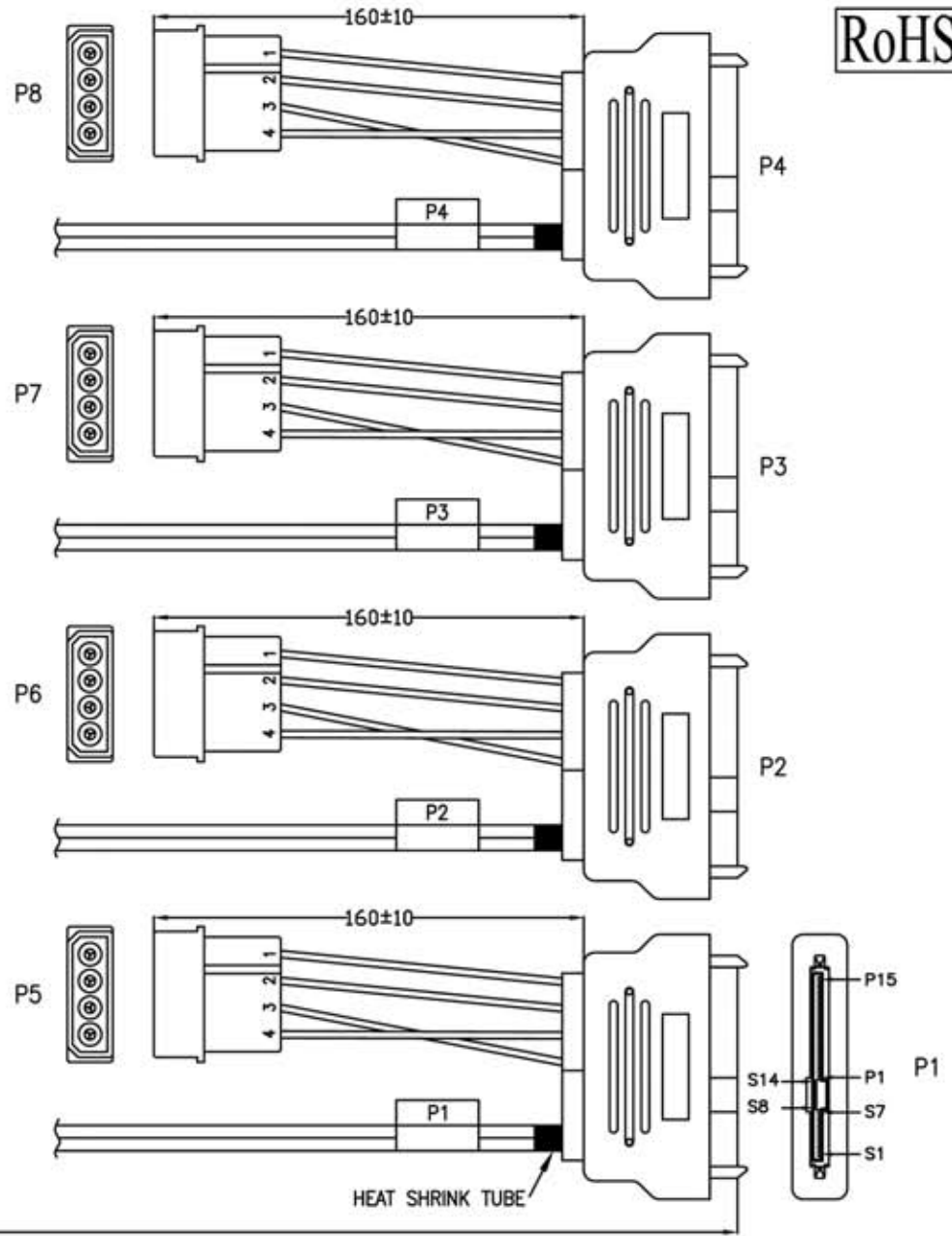
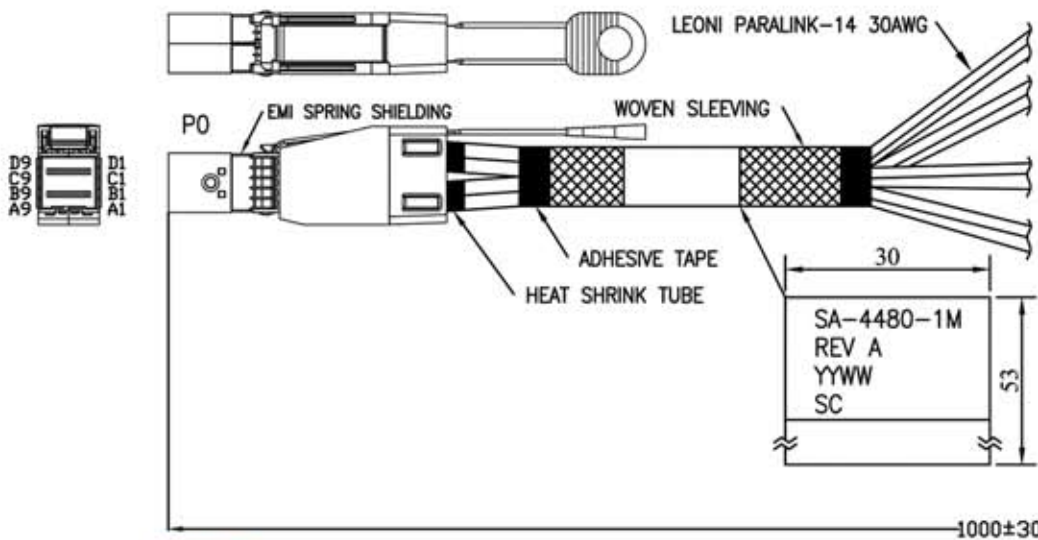
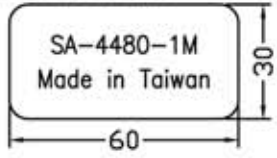
**1.CABLE:**

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:  $100 \pm 5$  OHM.

**2.CONNECTOR:**

P0: 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  
 P1-P4: SAS DRIVE REC.(SFF-8680)(MSAS-F29S001G)  
 P5-P8: 4 POSITION DC POWER PLUG  
 POWER CABLE: UL 1007 18AWG 80°C 300V

**3.LABELING ON BAG:**



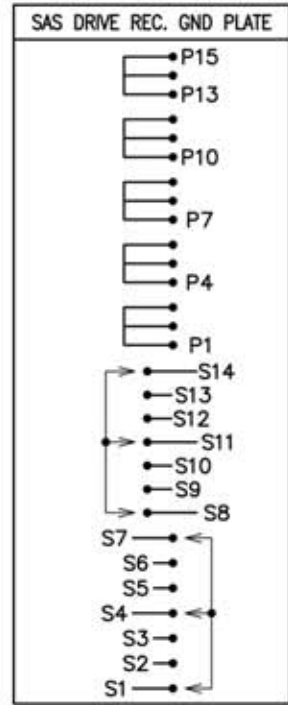
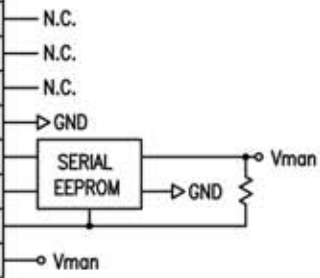
DESC.	Mini SAS HD 4x TO 4*SAS drive cable rec. with power cable ass'y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	*	UNIT	mm	
P/N	UASS-RC005924	CUSTOMER P/N	SA-4480-1M	Sino		DATE	03/08/'13	DWG NO:	DWG\RC\5924	

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

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

LOW SPEED SIGNAL & POWER	
P0(Mini SAS HD 4x Plug)	
PAD	SIGNAL
A1	Reserved
A2	IntL
B1	Vact
B2	ModPrsL
C1	SCL
C2	SDA
D1	Vact
D2	Vman



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P/N	UASS-RC005924	CUSTOMER P/N		Sino		DATE	03/07/'13	DWG NO:	DWG\RC\5924	