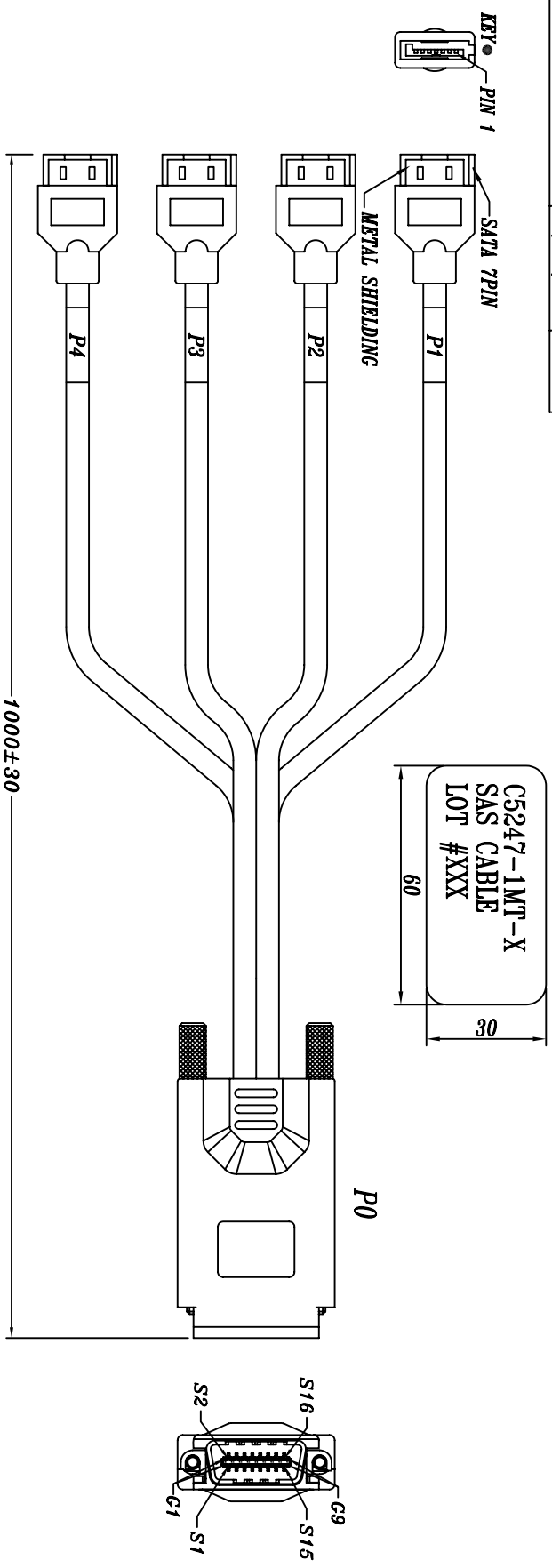


1	2	3	4	5	6	7	8	9
REV.	REMARK	DATE	SIGN.					
1	CHANGE CONNECTOR & CABLE	12/07/06	KU.					



1. CABLE:
 CONDUCTOR: TWO TWISTED PAIRS, 28AWG SOLID SILVER PLATED COPPER.
 INSULATION: FOAM POLYOLEFIN.
 PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
 PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER.
 INNER SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP.
 OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.
 DIAMETER: $\phi 4.7mm$ NOMINAL. COLOR: BLACK.
 PRINT LEGEND: "MADISON CABLE CORP. TYPE CL2 75°C 28AWG (UL) TurboTwin™"
 DIFFERENTIAL IMPEDANCE: 100 ± 5 OHMS @TDR
 FOR SAS 3G USE.

2. CONNECTOR:
 P0: SAS 4X THUMBSCREW TYPE CONNECTOR:
 (1). MAIN BODY: HIGH TEMPERATURE LCP RESIN UL94V-0
 (2). SINGAL PIN & GROUND PIN: PHOSPHER BRONZE/30u" GOLD OVER NICKEL.
 (3). P.C BOARD: FR4, 4 LAYER
 (4). EJECTON LATCH: STAINLESS STEEL.
 (5). BALCK SHELL: ZINC DIE CASTING/NICKEL PLATED.
 P1~P4: SATA CABLE RECEPTACLE CONNECTOR W/METAL SHELL

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1	2	3	4	5	6	7	8	9	
DESC.	SATA *4 TO 4X CABLE ASSEMBLY	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm
P/N	C5247-1MT-X			KU		DATE	12/04/06	DMG NO.	DMG/RC/2173

REV.	REMARK	DATE	SIGN.
1	CHANGE CONNECTOR & CABLE	12/07/06	KU.

1	2	3	4	5	6
I					
H	SATA CABLE RECEPTACLE (HOST) (HOST PLUG PIN ASSIGNMENT)		SAS4x PLUG(P0) (TARGET)		
	REC.	PIN	SIGNAL	PIN	SIGNAL
	P4	6	RX0+	S16	TX0+
		5	RX0-	S15	TX0-
		3	TX0-	S2	RX0-
		2	TX0+	S1	RX0+
		1,4,7	SIGNAL GROUND	G1-G9	SIGNAL GROUND
		HOUSING	CHASSIS GROUND	HOUSING	CHASSIS GROUND
	P3	6	RX1+	S14	TX1+
		5	RX1-	S13	TX1-
		3	TX1-	S4	RX1-
		2	TX1+	S3	RX1+
		1,4,7	SIGNAL GROUND	G1-G9	SIGNAL GROUND
		HOUSING	CHASSIS GROUND	HOUSING	CHASSIS GROUND
	P2	6	RX2+	S12	TX2+
		5	RX2-	S11	TX2-
		3	TX2-	S6	RX2-
		2	TX2+	S5	RX2+
		1,4,7	SIGNAL GROUND	G1-G9	SIGNAL GROUND
		HOUSING	CHASSIS GROUND	HOUSING	CHASSIS GROUND
	P1	6	RX3+	S10	TX3+
		5	RX3-	S9	TX3-
		3	TX3-	S8	RX3-
		2	TX3+	S7	RX3+
		1,4,7	SIGNAL GROUND	G1-G9	SIGNAL GROUND
		HOUSING	CHASSIS GROUND	HOUSING	CHASSIS GROUND

DESC: SATA 4 TO 4X CABLE ASSEMBLY					
P/N	C5247-1MT-X	CUSTOMER P/N			
APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1
		KU			UNIT mm
				DATE	12/04/06 DMC: NC: DMC/RC/2173

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1	2	3	4	5	6