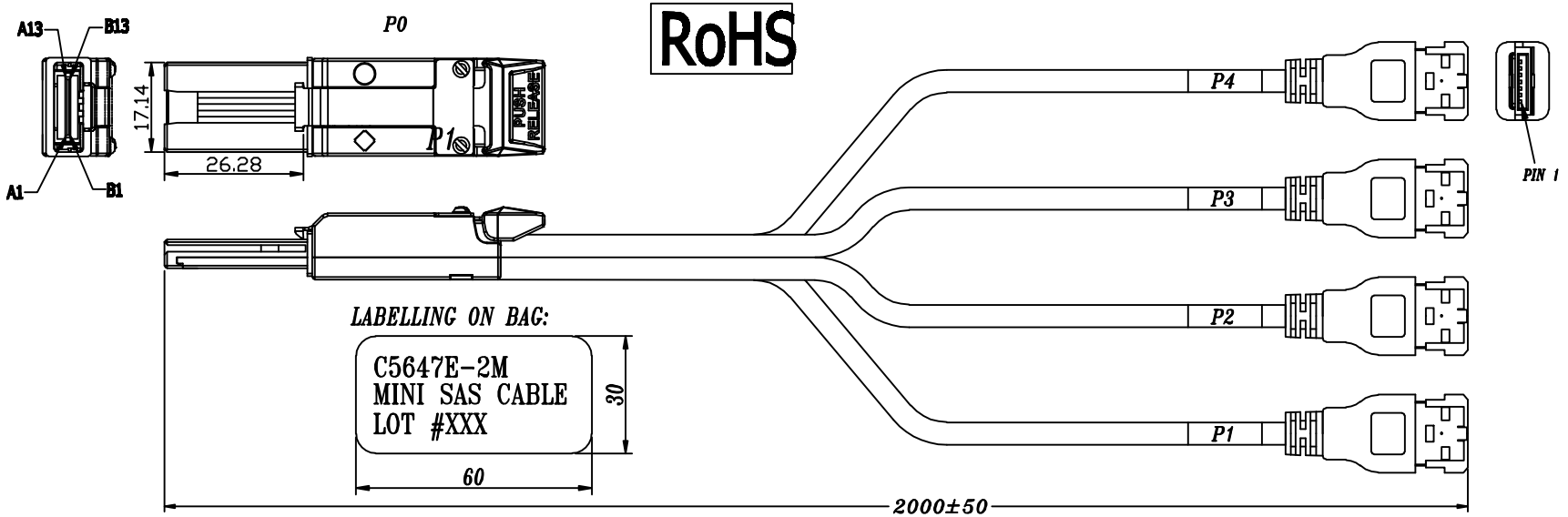
REV.	REMARK	DATE	SIGN.



ALL MATERIAL–RoHS COMPLIANT:

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.
PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP.
INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING OUT, 25% OVERLAP.
OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.
DIAMETER: ø4.7mm NOMINAL. COLOR: BLACK.
PRINT LEGEND: "MADISON CABLE CORP.TYPE CL2 75°C 28AWG (UL) TurboTwin™"
DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE. TURBO TWIN™

2.CONNECTOR:
P0: Mini SAS 4x CABLE PLUG – 26CKT CONNECTOR
(1) P.C.B: FR4, 4 LAYERS
(2) LATCH: STAINLESS STEEL
(3) BACKSHELL– ZINC DIE CASTING HOOD/ NICKEL PLATING
(4) WITH EXTERNAL UNIVERSAL KEY.

P1~P4 eSATA CONNECTOR–
HOUSING: HIGH TEMPERATURE POLYESTER & GLASS FIBER, UL 94V–0.
TERMINAL: COPPER ALLOY.
OUTSID SHIELD: STAINLESS.

DataStorageCables.com	DESC.	26CKT (Host) to (4) eSATA 7-pin (Target) cable assembly		APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm
	P/N	C5647E-2M	CUSTOMER P/N C5647E-2M			SHIU		DATE	05/30/08	DWG NO:	DWG\RC\2832

REV.	REMARK	DATE	SIGN.

WIRING DIAGRAM					
Mini SAS 4x(HOST)			eSATA internal cable rec.(TARGET)		
plug	PIN	SIGNAL	rec.	PIN	SIGNAL
P0	B2	TX0+	P1	2	RX0+
	B3	TX0−		3	RX0−
	A2	RX0+		6	TX0+
	A3	RX0−		5	TX0−
	GND GROUP			1,4,7	GROUND
	HOUSING CHASSIS GROUND			HOUSING CHASSIS GROUND	
	B5	TX1+	P2	2	RX1+
	B6	TX1−		3	RX1−
	A5	RX1+		6	TX1+
	A6	RX1−		5	TX1−
	GND GROUP			1,4,7	GROUND
	HOUSING CHASSIS GROUND			HOUSING CHASSIS GROUND	
	B8	TX2+	P3	2	RX2+
	B9	TX2−		3	RX2−
	A8	RX2+		6	TX2+
	A9	RX2−		5	TX2−
	GND GROUP			1,4,7	GROUND
	HOUSING CHASSIS GROUND			HOUSING CHASSIS GROUND	
	B11	TX3+	P4	2	RX3+
	B12	TX3−		3	RX3−
	A11	RX3+		6	TX3+
	A12	RX3−		5	TX3−
	GND GROUP			1,4,7	GROUND
	HOUSING CHASSIS GROUND			HOUSING CHASSIS GROUND	

GND GROUP:
A1,A4,A7,A10,A13
B1,B4,B7,B10,B13

DataStorageCables.com

DESC.	26CKT (Host) to (4) eSATA 7-pin (Target) cable assembly							
P/N	C5647E-2M			CUSTOMER P/N	C5647E-2M			
APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm	
		SHIU		DATE	05/30/'08	DWG NO:	DWG\RC\2832	