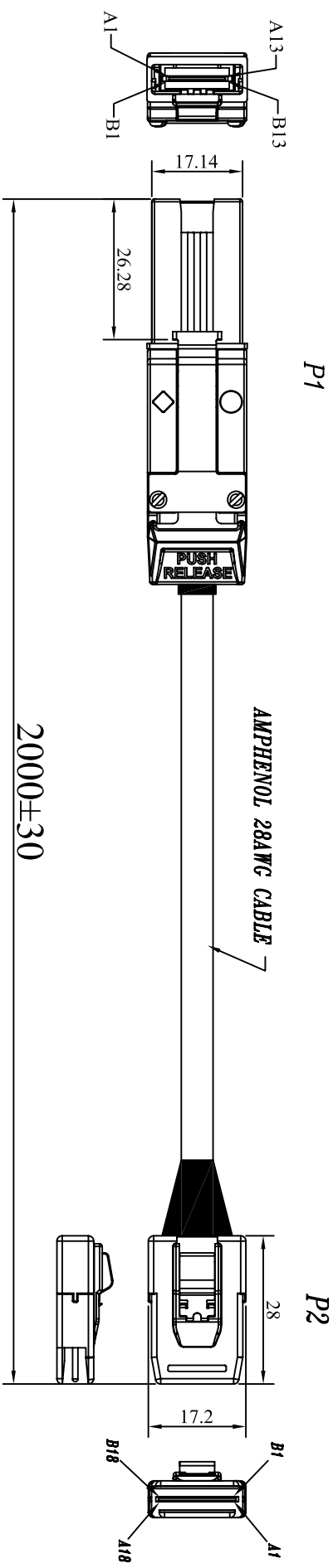


1	2	3	4	5	6	7	8	9
REV.	REMARK	DATE	SIGN.					

**ROHS**



**MATERIAL ROHS COMPLIANT:**

- 1. CABLE SPEC.:**  
**PHYSICAL:**  
 1. AMPHENOL SPECTRA-STRIIP  
 8 PAIRS/ 6 SIDEBAND SIGNALS 30 AWG  
 FOR SAS/ SATA INTERNAL CABLE  
 2. ROHS COMPLIANT  
 3. DIAMETER: 5mm  
**ELECTRICAL:**  
 1. IMPEDANCE: 100±5 OHM (DIFFERENTIAL TDR)  
 2. CAPACITANCE: 49 PF/M NOMINAL  
 3. PROP. DELAY: 4.9 NS/M NOMINAL

**CONNECTOR:**

- P1: 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  
**P2: Mini SAS 4i CABLE PLUG - 36CKT CONNECTOR.**  
 (1) HOOD: NYLON, UL94-V0  
 (2) P.C.B: FR4, 4 LAYERS  
 (3) LATCH: STAINLESS  
 (4) INTERNAL, WITH NO SIDEBAND

**LABELLING ON BAG:**  
 C5636-2M  
 MINISAS CABLE  
 LOT #XXX

DataStorageCables.com

1	2	3	4	5	6	7	8	9	
DESC.	Mini SAS 4x to Mini SAS 4i cable assembly	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm
P/N	C5636-2M	CUSTOMER P/N			KU	DATE	12/04/06	DWG NO.	DWG/RC/2178

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

WIRING DIAGRAM

Mini SAS 4x			Mini SAS 4i		
plug	PIN	SIGNAL	plug	PIN	SIGNAL
P1	A2	RX0+	P2	B2	TX0+
	A3	RX0-		B3	TX0-
	A5	RX1+		B5	TX1+
	A6	RX1-		B6	TX1-
	A8	RX2+		B13	TX2+
	A9	RX2-		B14	TX2-
	A11	RX3+		B16	TX3+
	A12	RX3-		B17	TX3-
	B2	TX0+		A2	RX0+
B3	TX0-	A3	RX0-		
B5	TX1+	A5	RX1+		
B6	TX1-	A6	RX1-		
B8	TX2+	A13	RX2+		
B9	TX2-	A14	RX2-		
B11	TX3+	A16	RX3+		
B12	TX3-	A17	RX3-		
GND GROUP			GND GROUP		
A1,A4,A7,A10,A13 B1,B4,B7,B10,B13			A1,A4,A7,A12,A15,A18 B1,B4,B7,B12,B15,B18		

DESC.	Mini SAS 4x to Mini SAS 4i cable assembly	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm	
P/N	C5636-2M			KU		DATE	12/04/06	NO.	DWG/RC/2178	

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1 2 3 4 5 6 7 8 9