

	1	2	3	4	5	6	7	8	9																													
	REV.	REMARK	DATE	SIGN.																																		
F	MATERIAL RoHS COMPLIANT:																																					
	CABLE																																					
	CONDUCTOR: 26AWG SOLID SILVER PLATED COPPER.																																					
	INSULATION: FOAM POLYOLEFIN.																																					
	PAIR: 2 SINGLES LAID FLAT AND PARALLEL.																																					
	PAIR DRAIN WIRE: 28AWG SOLID SILVER PLATED COPPER.																																					
	PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP.																																					
	INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING OUT, 25% OVERLAP.																																					
E	DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR																																					
	UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE. TURBO TWIN™, MADISON																																					
	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																																					
D	P1~P4 SAS DRIVE CABLE RECEPTACLE																																					
	P5~P8 4PIN POWER MALE CONNECTOR																																					
	POWER CABLE: UL 1007 22AWG 80°C 300V																																					
C																																						
B																																						
A																																						
	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>DESC.</td><td>Mini SAS 4x TO 4xSAS drive cable rec. with power cable ass'y</td><td>APPROVED</td><td>CHECKED</td><td>DESIGNED</td><td>TOLERANCE</td><td>SCALE</td><td>1 = 1</td><td>UNIT</td><td>mm</td></tr><tr><td>P/N</td><td>C5629-2M</td><td>CUSTOMER P/N</td><td></td><td>SHIH</td><td></td><td>DATE</td><td>02/05/09</td><td>DWG NO.</td><td>DWG/RC/3018</td></tr></table>									1	2	3	4	5	6	7	8	9	DESC.	Mini SAS 4x TO 4xSAS drive cable rec. with power cable ass'y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm	P/N	C5629-2M	CUSTOMER P/N		SHIH		DATE	02/05/09	DWG NO.	DWG/RC/3018
1	2	3	4	5	6	7	8	9																														
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P/N	C5629-2M	CUSTOMER P/N		SHIH		DATE	02/05/09	DWG NO.	DWG/RC/3018																													

RoHS

P4

P3

P2

P1

S1

DataStorageCables.com

DESC.	Mini SAS 4x TO 4xSAS drive cable rec. with power cable ass'y	APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1	UNIT	mm
P/N	C5629-2M	CUSTOMER P/N		SHIH		DATE	02/05/09	DWG NO.	DWG/RC/3018

	1	2	3	4	5	6		
REV.	REMARK		DATE	SIGN.				
I	WIRING DIAGRAM							
	MINI SAS 4X (P0)		SAS DRIVE CABLE REC.		4P POWER PLUG			
	PIN	SIGNAL	REC.	PIN	SIGNAL	PLUG PIN SIGNAL		
H	A2	RX0+	P1	S6	TP+	P5		
	A3	RX0-		S5	TP-			
	B3	TX0-		S3	RP-			
	B2	TX0+		S2	RP+			
	GND GROUP	GND		S1,S4,S7	GND		1	+12V
				P13,P14,P15	+12V		2	GND
G				P10,11,12	GND		4	+5V
				P7,P8,P9	+5V		3	GND
				P4,P5,P6	GND			
F	A5	RX1+	P2	S6	TP+	P6		
	A6	RX1-		S5	TP-			
	B6	TX1-		S3	RP-			
	B5	TX1+		S2	RP+			
	GND GROUP	GND		S1,S4,S7	GND		1	+12V
				P13,P14,P15	+12V		2	GND
				P10,11,12	GND		4	+5V
				P7,P8,P9	+5V		3	GND
				P4,P5,P6	GND			
E	A8	RX2+	P3	S6	TP+	P7		
	A9	RX2-		S5	TP-			
	B9	TX2-		S3	RP-			
	B8	TX2+		S2	RP+			
	GND GROUP	GND		S1,S4,S7	GND		1	+12V
				P13,P14,P15	+12V		2	GND
				P10,11,12	GND		4	+5V
				P7,P8,P9	+5V		3	GND
				P4,P5,P6	GND			
D	A11	RX3+	P4	S6	TP+	P8		
	A12	RX3-		S5	TP-			
	B12	TX3-		S3	RP-			
	B11	TX3+		S2	RP+			
	GND GROUP	GND		S1,S4,S7	GND		1	+12V
				P13,P14,P15	+12V		2	GND
				P10,11,12	GND		4	+5V
				P7,P8,P9	+5V		3	GND
				P4,P5,P6	GND			
C	GND GROUP: A1,A4,A7,A10,A13 B1,B4,B7,B10,B13							
B								
A	DataStorageCables.com		DESC.	Mini SAS 4x TO 4*SAS drive cable rec. with power cable ass'y				
			P/N	C5629-2M	CUSTOMER P/N			
			APPROVED	CHECKED	DESIGNED	TOLERANCE	SCALE	1 = 1
					SHIH		DATE	02/05/09
					DWG NO:	DWG/RC/3018		
	1	2	3	4	5	6		