

	1	2	3	4	5	6	7	8	9	
	Rev.	Remark	Date	Sign.						
F					RoHS					
E	19 20 1 38 P1 7000+/-50 P2 QSFP FOR INFINIBAND 30 40 QSFP FOR INFINIBAND Madison 24 AWG									
D	Material RoHS Compliant: 1. Cable: Conductor: 24 AWG Solid Silver Plated Copper Insulation: 0.3048 mm of Foam Polyolefin, 0.939 mm Diameter, Color-Natural. Pair: 2 Singles Laid Flat and Parallel. Pair Drain Wire: 30 AWG 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. Outer Shield: 38 AWG Tin Plated Copper Braid, 85% Coverage. Diameter: 9.8 mm Nominal. Print Legend: "(UL) TYPE CL2 75°C 28 AWG MADISON CABLE C(UL)TYPE CMG 75°C TurboTwin™ RoHS COMPLIANT" Differential Impedance: 100±5 Ohms @ TDR UL Listing: Type CL2 as Specified in Article 725 of the National Electrical Code. 2. Connector: P1,P2: 4x-Pluggable-QSFP(SFF-8436) (1) PCB: FR4, 4 Layers.(SPCB-040068A, AC Coupling) (2) Latch: Stainless Steel with Pull Tab. (3) Backshell: Zinc Die Casting Hood/Nickel Plating. 3. For INFINIBAND DDR 4. Two-Wire Serial Memory: Atmel AT24C02B EEPROM(256 Bytes), Digital monitoring & control function and memory page not supported.									
C	LABELLING ON BAG: C9797-7M-IB QSFP CABLE FOR INFINIBAND DDR LOT#XXX 60 30									
B	DataStorageaeCables.com Desc. QSF Passive Cable Assembly Approved Checked Designed Tolerance Scale * Unit mm P/N C9797-7M-IB Customer P/N LAI * Date 04/30/09 DWG NO: DWG\B\2621									
A	1	2	3	4	5	6	7	8	9	

	1	2	3	4	5	6	7	8	9
Rev.	Remark	Date	Sign.						

High Speed Signal

P1(4x-Pluggable-QSFP)		P2(4x-Pluggable-QSFP)	
Pad	Signal	Pad	Signal
02	TX2n	21	RX2n
03	TX2p	22	RX2p
05	TX4n	24	RX4n
06	TX4p	25	RX4p
14	RX3p	33	TX3p
15	RX3n	34	TX3n
17	RX1p	36	TX1p
18	RX1n	37	TX1n
21	RX2n	02	TX2n
22	RX2p	03	TX2p
24	RX4n	05	TX4n
25	RX4p	06	TX4p
33	TX3p	14	RX3p
34	TX3n	15	RX3n
36	TX1p	17	RX1p
37	TX1n	18	RX1n
GND Group		GND Group	
01,04,07,13,16,19		01,04,07,13,16,19	
20,23,26,32,35,38		20,23,26,32,35,38	
Connector Shell		Connector Shell	

Low Speed Signal & Power

P1(4x-Pluggable-QSFP)	
Pad	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

Low Speed Signal & Power

P2(4x-Pluggable-QSFP)	
Pad	Signal
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

*DC Blocking Caps on Rx Side.

DataStorageCables.com	Desc.	QSFP Passive Cable Assembly			Approved	Checked	Designed	Tolerance	Scale	*	Unit	mm	
	P/N	C9797-7M-IB	Customer P/N				SHIU	*	Date	04/17/09	DWG NO:	DWG\B\2621	