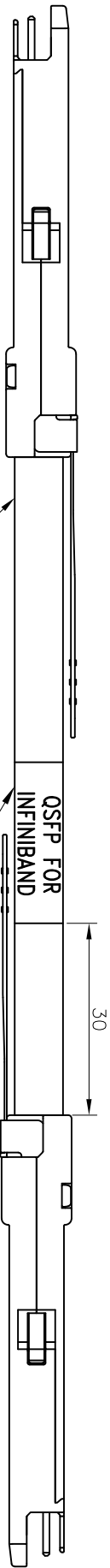
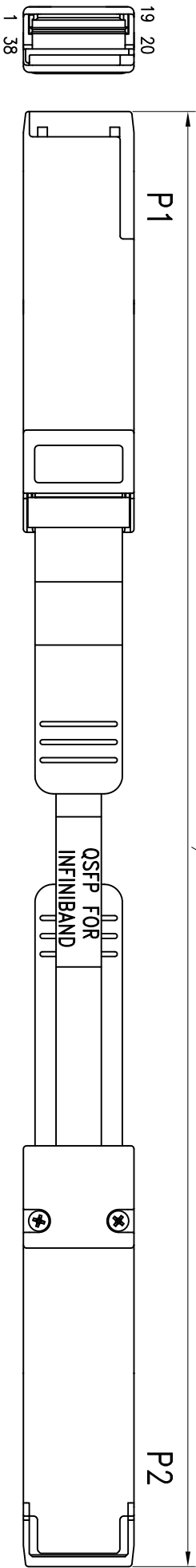


1	2	3	4	5	6	7	8	9
Rev.	Remark	Date	Sign.					

1500+/-50

RoHS



Material RoHS Compliant:

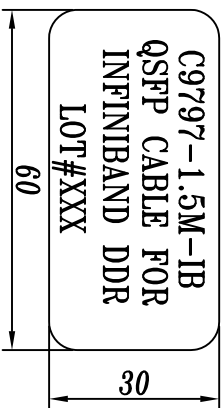
1. Cable:

Conductor: 28 AWG Solid Silver Plated Copper, 0.320 mm Diameter.
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: 7.874 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.

LABELLING ON BAG:



Desc.	QSF P Passive Cable Assembly	Approved	Checked	Designed	Tolerance	Scale	*	Unit	mm	
P/N	C9797-1.5M-IB	Customer P/N		LA1	*	Date	04/30/09	DWG NO:	DWG\B\2621	

DataStorageCables.com

1 2 3 4 5 6 7 8 9

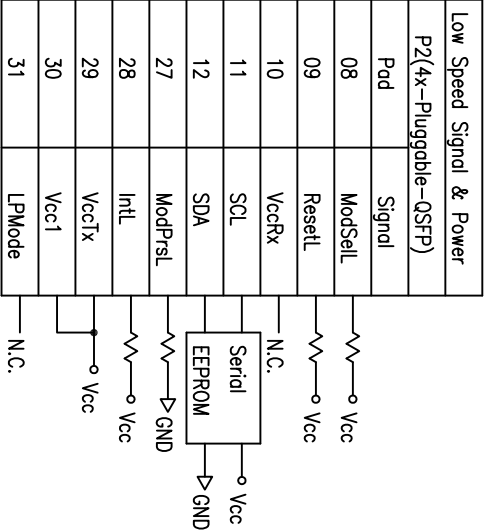
	1	2	3	4	5	6	7	8	9
Rev.	Remark	Date	Sign.						
F									

Wiring Diagram

	High Speed Signal									
	P1(4x-Pluggable-QSFP)				P2(4x-Pluggable-QSFP)					
E	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				
D	22	RX2p	— —		03	TX2p				
	24	RX4n	— —		05	TX4n				
	25	RX4p	— —		06	TX4p				
	33	TX3p	— —		14	RX3p				
	34	TX3n	— —		15	RX3n				
C	36	TX1p	— —		17	RX1p				
	37	TX1n	— —		18	RX1n				
	GND Group				GND Group					
	GND Group				GND Group					
B	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					

*DC Blocking Caps on Rx Side.

	Low Speed Signal & Power									
	P1(4x-Pluggable-QSFP)									
E	Pad	SIGNAL								
	08	ModSell	—V—	Vcc						
	09	ResetL	—V—	Vcc						
	10	VccRx		N.C.						
	11	SCL								
	12	SDA								
	27	ModPrsL	—V—	GND						
	28	IntL	—V—	Vcc						
	29	VccTx		Vcc						
	30	Vcc1		Vcc						
D	31	LPMode		N.C.						
C										
B										



A	DataStorageCables.com									
	Desc.	QSFP Passive Cable Assembly				Approved	Checked	Designed	Tolerance	Scale
	P/N	C9797-1.5M-1B				Customer P/N		SHIU	*	Date
	1	2	3	4	5	6	7	8	9	