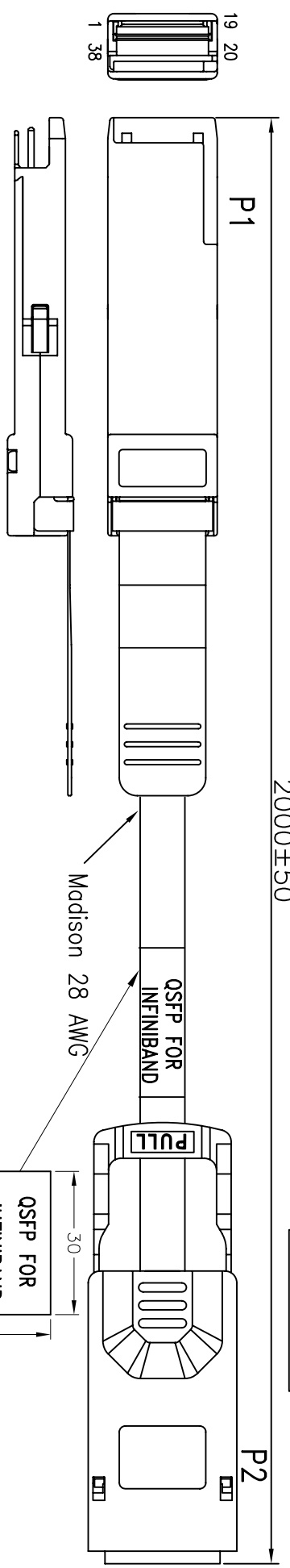


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Rev.	Remark	Date	Sign.					

ROHS



Material RoHS Compliant:

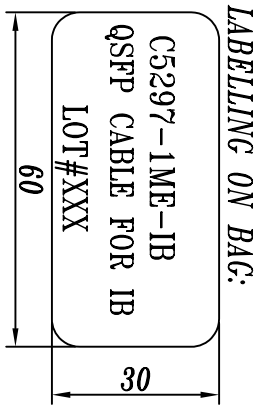
1. Cable:

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: 4x-Pluggable-QSFP(SFF-8436)
 (1) PCB: FR4, 4 Layers.(SPCB-040068D, DC Coupling)
 (2) Latch: Stainless Steel with Pull Tab.
 (3) Backshell: Zinc Die Casting Hood/ Nickel Plating.
 P2: IB 4x Ejector Type(SFF-8470)
 (1)Housing: Zinc Die Casting
 (2)Contacts: 30u" Inch Gold Plating

3. For Infiniband
 4. Two-Wire Serial Memory: Atmel AT24C02B EEPROM(256 Bytes), Digital monitoring & control function and memory page not supported.



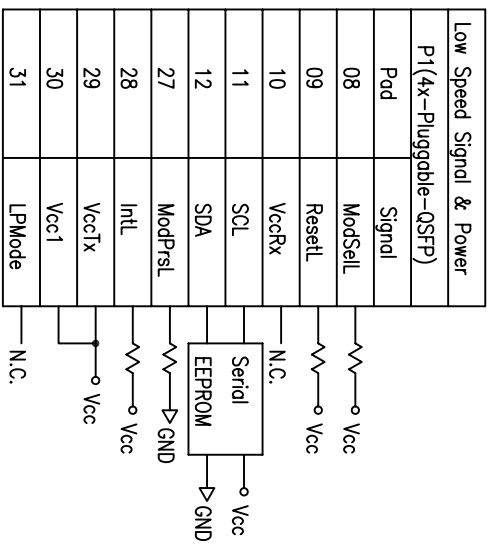
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Desc.	QSF P/4x Ejector Type Cable Assembly	Approved	Checked	Designed	Tolerance	Scale	*	Unit	mm	
P/N	C5297-2ME-IB Customer P/N			LAI	*	Date	06/08/09	DWG NO:	DWG \B\2613	

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

Wiring Diagram

High Speed Signal		P2(4x)	
Pod	Signal	Pod	Signal
P1(4x-Pluggable-QSFP)			
36	TX1p	S1	RX0+
37	TX1n	S2	RX0-
3	TX2p	S3	RX1+
2	TX2n	S4	RX1-
33	TX3p	S5	RX2+
34	TX3n	S6	RX2-
6	TX4p	S7	RX3+
5	TX4n	S8	RX3-
24	RX4n	S9	TX3-
25	RX4p	S10	TX3+
15	RX3n	S11	TX2-
14	RX3p	S12	TX2+
21	RX2n	S13	TX1-
22	RX2p	S14	TX1+
18	RX1n	S15	TX0-
17	RX1p	S16	TX0+
GND Group	GND	G1-G9	GND
GND Group	01,04,07,13,16,19 20,23,26,32,35,38		
Connector Shell		Connector Shell	



*DC Coupling

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1	2	3	4	5	6	7	8	9	
Desc.	QSFP/4x Ejector Type Cable Assembly	Approved	Checked	Designed	Tolerance	Scale	*	Unit	mm
P/N	C5297-2ME-1B	Customer P/N		LAI	*	Date	06/08/'09	DWG NO:	DWG\B\2613