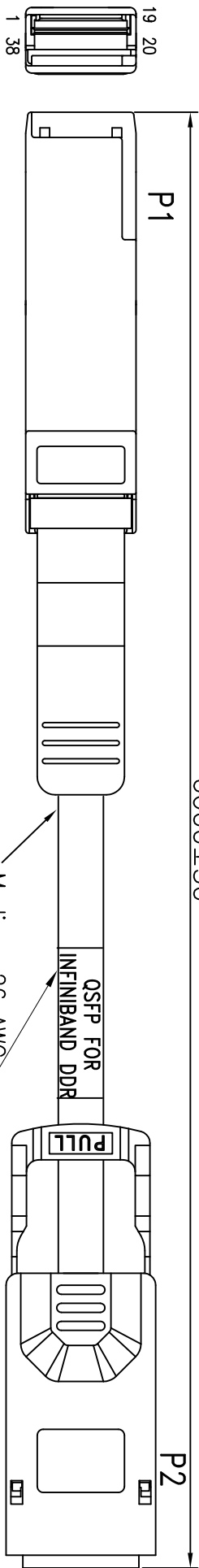


| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|------|--------|------|-------|---|---|---|---|---|
| Rev. | Remark | Date | Sign. | | | | | |

6000±30

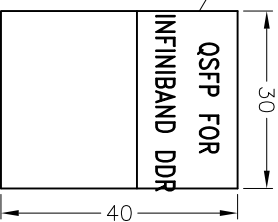
ROHS



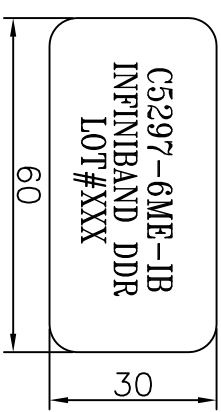
Material RoHS Compliant:

1. Cable:

CONDUCTOR: 26AWG SOLID SILVER PLATED COPPER, 0.404mm DIAMETER.
 INSULATION: 0.3048mm OF FOAM POLYOLEFIN, 0.939mm DIAMETER, COLOR-NATURAL.
 PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
 CORE: 8 PARS
 PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER.
 PAIR SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING IN, 25% OVERLAP.
 INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE PACING OUT, 25% OVERLAP.
 OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE.
 DIAMETER: 8.763mm NOMINAL.
 PRINT LEGEND: "MADISON CABLE CORP. TYPE CL2 75°C 26AWG (UL) TurboTwin™ RoHS COMPLIANT"
 DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
 UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE.



LABELLING ON BAG:



2. Connector:

P1: 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.

P2: IB 4x Ejector Type(SFF-8470)

- (1)Housing: Zinc Die Casting
- (2)Contacts: 30u" Inch Gold Plating

- 3. For INFINIBAND DDR USE
- 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/4x Ejector Type Cable Assembly | Approved | Checked | Designed | Tolerance | Scale | Unit | mm |
|-------|------------------------------------|----------|---------|----------|-----------|-------|---------|-------------|
| P/N | C5297-6ME-IB | | | SINO | * | | DWG NO: | DWG\RC\3398 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

| | | |
|------|--------|-------|
| 1 | 2 | 3 |
| Rev. | Remark | Sign. |
| | | |

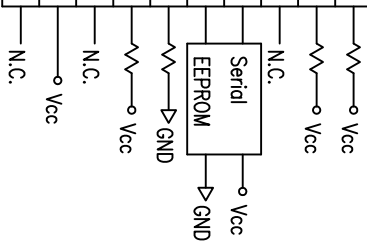
1 2 3 4 5 6 7 8 9

Wiring Diagram

| High Speed Signal | | P2(4x) | |
|-----------------------|--------|-----------------|--------|
| Pad | Signal | Pad | 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 | | G1-G9 | |
| GND | | GND | |
| GND Group | | | |
| 01,04,07,13,16,19 | | | |
| 20,23,26,32,35,38 | | | |
| Connector Shell | | Connector Shell | |

*DC Blocking Caps on P1 Rx Side.

| Low Speed Signal & Power | |
|--------------------------|---------|
| Pad | Signal |
| P1(4x-Pluggable-QSFP) | |
| 08 | SIGNAL |
| 09 | ModSelL |
| 10 | ResetL |
| 11 | VccRx |
| 12 | SCL |
| 27 | SDA |
| 28 | ModPrL |
| 29 | IntL |
| 30 | VccTx |
| 31 | Vcc1 |
| | LPMode |



| | | | | | | | | | | |
|-------|--------------|-------------------------------------|----------|---------|----------|-----------|-------|----------|---------|-------------|
| Desc. | | QSFP/4x Ejector Type Cable Assembly | Approved | Checked | Designed | Tolerance | Scale | * | Unit | mm |
| P/N | C5297-6ME-1B | Customer P/N | | | SINO | * | Date | 10/29/09 | DWG NO: | DWG\PC\3398 |

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1 2 3 4 5 6 7 8 9