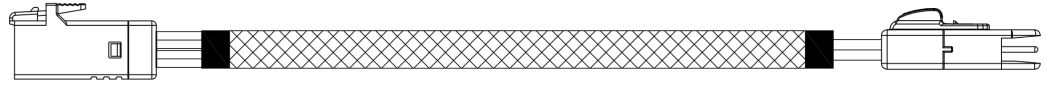
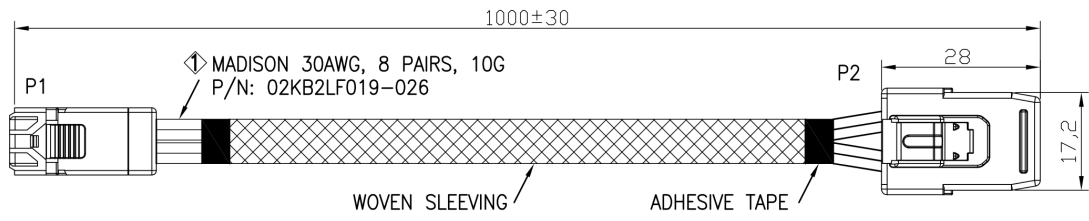


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|--|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--|---|---|---|---|---|---|---|---|---|

| REV. | REMARK | DATE | SIGN. |
|------|--------------------|-----------|-------|
| ① | CHANGE CABLE & PCB | 01/25/'13 | |

RoHS



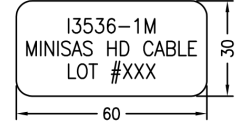
WIRING DIAGRAM

| HIGH SPEED SIGNAL | | | |
|--|--------|--|--------|
| P1(Mini SAS HD 4i Plug) | | P2(Mini SAS 4i Plug) | |
| PIN | SIGNAL | PAD | SIGNAL |
| D4 | TX0+ | A2 | RX0+ |
| D5 | TX0- | A3 | RX0- |
| C4 | TX1+ | A5 | RX1+ |
| C5 | TX1- | A6 | RX1- |
| D7 | TX2+ | A13 | RX2+ |
| D8 | TX2- | A14 | RX2- |
| C7 | TX3+ | A16 | RX3+ |
| C8 | TX3- | A17 | RX3- |
| B4 | RX0+ | B2 | TX0+ |
| B5 | RX0- | B3 | TX0- |
| A4 | RX1+ | B5 | TX1+ |
| A5 | RX1- | B6 | TX1- |
| B7 | RX2+ | B13 | TX2+ |
| B8 | RX2- | B14 | TX2- |
| A7 | RX3+ | B16 | TX3+ |
| A8 | RX3- | B17 | TX3- |
| GND GROUP | GND | GND GROUP | GND |
| GND GROUP: A3,A6,A9,B3,B6,B9, C3,C6,C9,D3,D6,D9. | | GND GROUP: A1,A4,A7,A12,A15,A18, B1,B4,B7,B12,B15,B18. | |

MATERIAL RoHS COMPLIANT:

- CABLE:
 - CONDUCTOR: 30AWG SOLID SILVER PLATED COPPER.
 - INSULATION: FOAM POLYOLEFIN.
 - PAIR: 2 SINGLES LAID FLAT AND PARALLEL.
 - PAIR DRAIN WIRE: 30AWG SOLID TIN PLATED COPPER.
 - PAIR SHIELD: ALUMINUM/POLYESTER TAPE.
 - ALUMINUM SIDE FACING IN, 25% OVERLAP.
 - DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
 - UL RECOGNIZED: AWM STYLE 21490 80°C 30 VOLTS.
- CONNECTOR:
 - P1: Mini SAS HD 4i CABLE PLUG (SFF-8643)
 - ① P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS, WITHOUT CARBON (P/N: MPCB-040115LF REV.A / MPCB-040116LF REV.A)
 - ② HOUSING: PBT, BLACK.
 - P2: Mini SAS 4i 36CKT CONNECTOR.(SFF-8087).
 - ① HOOD: NYLON, UL94-V0.
 - ② P.C.B: 4 LAYERS, GOLD PLATING ON CONTACT PADS.
 - ③ LATCH: STAINLESS.
 - ④ INTERNAL, WITHOUT SIDEBAND.
- FOR SAS 6.0 Gbps.

4. LABELING ON BAG:



| | | | | | | | | | | | | | |
|---------------------|-------|--|--------------|--|----------|---------|----------|-----------|-------|------|-----------|---------|-------------|
| DATA STORAGE CABLES | DESC. | Mini SAS HD 4i/Mini SAS 4i CABLE ASS'Y | | | APPROVED | CHECKED | DESIGNED | TOLERANCE | SCALE | * | UNIT | mm | ④ |
| | P/N | I3536-1M | CUSTOMER P/N | | | | | | | DATE | 01/25/'13 | DWG NO: | DWG\RC\5970 |

| | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
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