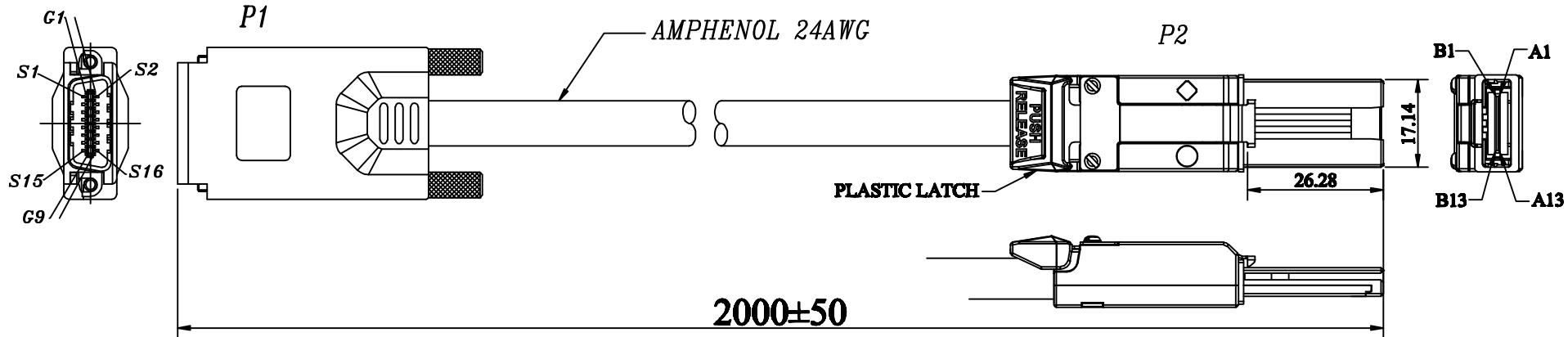
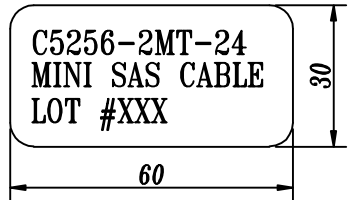


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|------|--------|------|-------|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| REV. | REMARK | DATE | SIGN. | | | | | |

RoHS



LABELLING ON BAG:



MATERIAL RoHS COMPLIANT:

CABLE:
PAIR COMPONENT:
 CONDUCTOR: 24AWG SOLID SILVER PLATED.
 DRAIN WIRE: 27AWG SOLID TINNED COPPER.
 PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 20% OVERLAP
FINAL ASSEMBLY:
 INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING OUT, 20% OVERLAP.
 OUTER SHIELD: 36WG TIN PLATED COPPER BRAID, 85% COVERAGE.
 DIAMETER: 9.78MM NOMINAL, COLOR: BLACK
 DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR
 MUTUAL CAPACITANCE: 42PF/M NOMINAL.
 TIME DELAY: 4.25NS/M.
PRINT LEGND:
 SPECTRA-STRIP SKEWCLEAR 8 PAIR 24 AWG (UL) 75C CL2 CSA AWM I/II A 75C 300V FT4 LEAD FREE

CONNECTOR:
 P1: SAS 4X CONNECTOR PLUG THUMBSCREWS TYPE CONNECTOR:
 (1) BACKSHELL- ZINC DIE CAST/ NICKEL PLATING
 (2) CONTACTS- 30u" INCHES GOLD PLATING
 P2: Mini SAS 4X CABLE PLUG - 26CKT CONNECTOR
 (1) P.C.B: FR4, 4 LAYERS
 (2) LATCH: STAINLESS STEEL
 (3) BACKSHELL- ZINC DIE CASTING HOOD/ NICKEL PLATING
 (4) WITH EXTERNAL UNIVERSAL KEY

| | | | | | | | | | | | | |
|-----------------------|-------|--------------------------------------|--------------|--------------|---------|----------|-----------|-------|-------|----------|---------|--|
| DataStorageCables.com | DESC. | Mini SAS 4x to SAS 4x cable assembly | | APPROVED | CHECKED | DESIGNED | TOLERANCE | SCALE | 1 = 1 | UNIT | mm | |
| | P/N | C5256-2MT-24 | CUSTOMER P/N | C5256-2MT-24 | | | SHIU | | DATE | 02/20/08 | DWG NO: | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|--------------------------------------|--------------------------------------|-----------------|----------------|-----------------|------------------|----------------------|----------------|-------------|--|--|--|--|--------|--|--|-------------|--|--|------|-----|--------|------|-----|--------|----|-----|------|----|----|------|-----|------|----|------|-----|------|----|------|-----|------|----|------|-----|------|----|------|-----|------|----|------|-----|------|-----|------|----|------|-----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|-----|------|----|------|-----|------|-----------|--|--|-----------|--|--|-------|--|--|--------------------------------------|--|--|
| REV. | REMARK | DATE | SIGN. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="6">WIRING DIAGRAM</th> </tr> <tr> <th colspan="3">SAS 4x</th> <th colspan="3">Mini SAS 4x</th> </tr> <tr> <th>plug</th> <th>PIN</th> <th>SIGNAL</th> <th>plug</th> <th>PIN</th> <th>SIGNAL</th> </tr> </thead> <tbody> <tr> <td rowspan="16">P1</td> <td>S16</td> <td>TX0+</td> <td rowspan="16">P2</td> <td>A2</td> <td>RX0+</td> </tr> <tr> <td>S15</td> <td>TX0-</td> <td>A3</td> <td>RX0-</td> </tr> <tr> <td>S14</td> <td>TX1+</td> <td>A5</td> <td>RX1+</td> </tr> <tr> <td>S13</td> <td>TX1-</td> <td>A6</td> <td>RX1-</td> </tr> <tr> <td>S12</td> <td>TX2+</td> <td>A8</td> <td>RX2+</td> </tr> <tr> <td>S11</td> <td>TX2-</td> <td>A9</td> <td>RX2-</td> </tr> <tr> <td>S10</td> <td>TX3+</td> <td>A11</td> <td>RX3+</td> </tr> <tr> <td>S9</td> <td>TX3-</td> <td>A12</td> <td>RX3-</td> </tr> <tr> <td>S1</td> <td>RX0+</td> <td>B2</td> <td>TX0+</td> </tr> <tr> <td>S2</td> <td>RX0-</td> <td>B3</td> <td>TX0-</td> </tr> <tr> <td>S3</td> <td>RX1+</td> <td>B5</td> <td>TX1+</td> </tr> <tr> <td>S4</td> <td>RX1-</td> <td>B6</td> <td>TX1-</td> </tr> <tr> <td>S5</td> <td>RX2+</td> <td>B8</td> <td>TX2+</td> </tr> <tr> <td>S6</td> <td>RX2-</td> <td>B9</td> <td>TX2-</td> </tr> <tr> <td>S7</td> <td>RX3+</td> <td>B11</td> <td>TX3+</td> </tr> <tr> <td>S8</td> <td>RX3-</td> <td>B12</td> <td>TX3-</td> </tr> <tr> <td colspan="3">GND GROUP</td> <td colspan="3">GND GROUP</td> </tr> <tr> <td colspan="3">G1-G9</td> <td colspan="3">A1,A4,A7,A10,A13 B1,B4,B7,B10,B13</td> </tr> </tbody> </table> | | | | | | | | | WIRING DIAGRAM | | | | | | SAS 4x | | | Mini SAS 4x | | | plug | PIN | SIGNAL | plug | PIN | SIGNAL | P1 | S16 | TX0+ | P2 | A2 | RX0+ | S15 | TX0- | A3 | RX0- | S14 | TX1+ | A5 | RX1+ | S13 | TX1- | A6 | RX1- | S12 | TX2+ | A8 | RX2+ | S11 | TX2- | A9 | RX2- | S10 | TX3+ | A11 | RX3+ | S9 | TX3- | A12 | RX3- | S1 | RX0+ | B2 | TX0+ | S2 | RX0- | B3 | TX0- | S3 | RX1+ | B5 | TX1+ | S4 | RX1- | B6 | TX1- | S5 | RX2+ | B8 | TX2+ | S6 | RX2- | B9 | TX2- | S7 | RX3+ | B11 | TX3+ | S8 | RX3- | B12 | TX3- | GND GROUP | | | GND GROUP | | | G1-G9 | | | A1,A4,A7,A10,A13 B1,B4,B7,B10,B13 | | |
| WIRING DIAGRAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAS 4x | | | Mini SAS 4x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| plug | PIN | SIGNAL | plug | PIN | SIGNAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P1 | S16 | TX0+ | P2 | A2 | RX0+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S15 | TX0- | | A3 | RX0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S14 | TX1+ | | A5 | RX1+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S13 | TX1- | | A6 | RX1- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S12 | TX2+ | | A8 | RX2+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S11 | TX2- | | A9 | RX2- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S10 | TX3+ | | A11 | RX3+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S9 | TX3- | | A12 | RX3- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S1 | RX0+ | | B2 | TX0+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S2 | RX0- | | B3 | TX0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S3 | RX1+ | | B5 | TX1+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S4 | RX1- | | B6 | TX1- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S5 | RX2+ | | B8 | TX2+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S6 | RX2- | | B9 | TX2- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S7 | RX3+ | | B11 | TX3+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | S8 | RX3- | | B12 | TX3- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GND GROUP | | | GND GROUP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G1-G9 | | | A1,A4,A7,A10,A13 B1,B4,B7,B10,B13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>DataStorageCables.com</i> | DESC. | Mini SAS 4x to SAS 4x cable assembly | | APPROVED | CHECKED | DESIGNED | TOLERANCE | SCALE 1 = 1 | UNIT mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P/N | C5256-2MT-24 | CUSTOMER P/N | C5256-2MT-24 | | SHIU | | DATE 02/20/08 | DWG NO: | DWG/RC/2822 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |