



| PINOUT CHART |    |            |    |
|--------------|----|------------|----|
| 4X           |    | SERIAL ATA |    |
| P0           | P4 | P3         | P2 |
| Gnd          | S7 |            |    |
| S16          | S6 |            |    |
| S15          | S5 |            |    |
| Gnd          | S4 |            |    |
| S2           | S3 |            |    |
| S1           | S2 |            |    |
| Gnd          | S1 |            |    |
| Gnd          | S7 |            |    |
| S14          | S6 |            |    |
| S13          | S5 |            |    |
| Gnd          | S4 |            |    |
| S4           | S3 |            |    |
| S3           | S2 |            |    |
| Gnd          | S1 |            |    |
| Gnd          | S7 |            |    |
| S12          | S6 |            |    |
| S11          | S5 |            |    |
| Gnd          | S4 |            |    |
| S6           | S3 |            |    |
| S5           | S2 |            |    |
| Gnd          | S1 |            |    |
| Gnd          | S7 |            |    |
| S10          | S6 |            |    |
| S9           | S5 |            |    |
| Gnd          | S4 |            |    |
| S8           | S3 |            |    |
| S7           | S2 |            |    |
| Gnd          | S1 |            |    |

| MOLEX P/N  | LENGTH        |
|------------|---------------|
| 74527-1001 | 0.5M ± 12.0MM |
| 74527-1002 | 1.0M ± 25.0MM |

NOTES:

- MATERIAL  
 4X HOUSING - ZINC DIE CAST.  
 4X CONTACTS - Au FLACH OVER NI PLATING.  
 SERIAL ATA HOUSING - PVC, BLK.  
 CABLE - REF. MOLEX SD-88755-004.
- CHARACTERISTIC IMPEDANCE - 100 OHMS DIFF.

|   |                                   |  |   |   |   |                        |                    |
|---|-----------------------------------|--|---|---|---|------------------------|--------------------|
| EC NO: USY2005-0113<br>DRWN: KPHAM 2005/05/31<br>CHKD: 2005/06/08<br>APPR: DDOYE 2005/06/13 | QUALITY SYMBOLS<br>▽ = 0<br>▽ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)  |   | SCALE 1:1   | DESIGN UNITS METRIC   | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY |
|   |                                   | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.25 ± ---<br>1 PLACE ± 0.5 ± --- | DIMENSION STYLE MM ONLY   | TITLE 4X TO (4) SERIAL ATA CROSSOVER PINOUT                             |   |                        |                    |
|   |                                   | ANGULAR ± 1/2°   | DRAWN BY DATE BAREED 2004/02/23<br>CHECKED BY DATE DDOYE 2004/02/23 | MOLEX MOLEX INCORPORATED  |   |                        |                    |
|   |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                      | APPROVED BY DATE DDOYE 2004/02/23                                   | MATERIAL NO. SEE TABLE<br>DOCUMENT NO. SD-74527-101<br>SHEET NO. 1 OF 1 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                    |