



|            |   |                         |             |           |
|------------|---|-------------------------|-------------|-----------|
| 68802-0014 | DVI Cable - DVI_D(M) to DVI_D(M) DLink L=15ft Black | 4572 ± 150<br>180 ± 5,9 | BLACK       | 887808368 |
| MX P/N     | DESCRIPTION   | LENGTH                  | CABLE COLOR | CABLE P/N |

|  |                               |   |                       |                          |  |                              |                        |  |
|--|-------------------------------|---|-----------------------|--------------------------|--|------------------------------|------------------------|--|
| EC NO: DG2006-0096<br>2005/10/19<br>DRWN:PDAI<br>2005/10/19<br>CHYD:<br>2005/10/20<br>APPR:KAN | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |                       | DIMENSION STYLE<br>MM/IN | SCALE<br>---                                     | DESIGN UNITS<br>METRIC       | THIRD ANGLE PROJECTION |  |
|  |                               | 4 PLACES ±--- ±---  | DRAWN BY<br>PDAI      | DATE<br>2005/10/19       | TITLE<br>DVI-D(M) TO DVI-D(M)<br>DL L=15FT BLACK |                              |                        |  |
|  |                               | 3 PLACES ±--- ±---  | CHECKED BY<br>PDAI    | DATE<br>2005/10/19       |  |                              |                        |  |
|  |                               | 2 PLACES ±--- ±---<br>1 PLACE ±--- ±---   | APPROVED BY<br>ZXDENG | DATE<br>2005/10/19       | MATERIAL NO.<br>68802-0014                       | DOCUMENT NO.<br>SD-68802-014 | MOLEX INCORPORATED     |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                     | SIZE<br>A4                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                          |  |                              |                        |  |

ib\_frame\_A4\_P\_ME\_T  
Rev. D 2004/04/02

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NOTE:1. OVERMOLD SPECIFICATION  
 1.1 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN P/N IS 887800076.  
 1.2 UL94V-0. COLOR: MAD432  
 1.3 HARDNESS (DUROMETER): SHORE A 90-95  
 2. MECHANICAL SPECIFICATION:  
 2.1 CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.

2.2 CABLE SHOULD PASS THE FLEX TEST IN 100 CYCLES AT EACH OF PLANES. PER EIA 364-41. CONDITION 1.  
 3. DVI CONNECTOR SPECIFICATION  
 3.1 REFER TO PRODUCT SPEC, PS74320-001  
 3.2 CONTACT PLATING: AU FLASH.  
 4. THE CODE PLEASE BE PRINTED ON THE SPACE  
 5. SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE  
 6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

| SHIELD | SHIELD | GROUND     | GROUND                |
|--------|--------|------------|-----------------------|
| PIN 24 | PIN 24 | WHITE      | TMDS CLOCK-           |
| PIN 23 | PIN 23 | BROWN      | TMDS CLOCK+           |
| PIN 22 | PIN 22 | BRAID      | TMDS CLOCK SHIELD     |
| PIN 21 | PIN 21 | ORANGE     | TMDS DATA 5+          |
| PIN 20 | PIN 20 | PINK       | TMDS DATA 5-          |
| PIN 19 | PIN 19 | 0.5 DRAIN  | TMDS DATA 0/5 SHIELD  |
| PIN 18 | PIN 18 | BLUE       | TMDS DATA 0+          |
| PIN 17 | PIN 17 | WHITE      | TMDS DATA 0-          |
| PIN 16 | PIN 16 | WHITE      | HOT PLUG DETECT       |
| PIN 15 | PIN 15 | ORANGE     | GROUND(+5V & HV SYNC) |
| PIN 14 | PIN 14 | YELLOW     | POWER +5V             |
| PIN 13 | PIN 13 | BLACK      | TMDS DATA 3+          |
| PIN 12 | PIN 12 | GREY       | TMDS DATA 3-          |
| PIN 11 | PIN 11 | 1.3 DRAIN  | TMDS DATA 1/3 SHIELD  |
| PIN 10 | PIN 10 | GREEN      | TMDS DATA 1+          |
| PIN 9  | PIN 9  | WHITE      | TMDS DATA 1-          |
| PIN 7  | PIN 7  | RED        | DDC DATA              |
| PIN 6  | PIN 6  | VIOLET     | DDC CLOCK             |
| PIN 5  | PIN 5  | VIOLET     | TMDS DATA 4+          |
| PIN 4  | PIN 4  | LIGHT BLUE | TMDS DATA 4-          |
| PIN 3  | PIN 3  | 2.4DRAIN   | TMDS DATA 2 /4 SHIELD |
| PIN 2  | PIN 2  | RED        | TMDS DATA 2+          |
| PIN 1  | PIN 1  | WHITE      | TMDS DATA 2-          |
| DVI_D  | DVI_D  | COLOR      | CABLE FUNCTION        |

|      |  |            |      |
|------|--|------------|------|
| F    | ACETATE CLOTH 887804785                    | 55(Ref.)   | 2    |
| E    | PCB 887899931/887899932                    |            | 2    |
| D    | DVI THUMB SCREW 887806077                  |            | 2    |
| C    | ONE BODY CAN 887899395                     |            | 2    |
| B    | DVI_D DUAL CHANNEL G/F CONNECTOR 743230003 |            | 2    |
| A    | DVI DUAL LINK CABLE (SEE TABLE)            | 4572(Ref.) | 1    |
| ITEM | DESCRIPTION                                | L          | QTY. |

| EC NO: DG2006-0096<br>DRWNPDAI<br>CHKD:<br>APPR:KAN<br>A   | 2005/10/19<br>2005/10/19<br>2005/10/20<br>DESCRIPTION<br>REV | QUALITY SYMBOLS     | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>3 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>2 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr> <tr><td>ANGULAR</td><td>±---</td><td>°</td></tr> </tbody> </table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |      | mm   | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | ANGULAR | ±--- | ° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY PDAI<br>DATE 2005/10/19<br>CHECKED BY PDAI<br>DATE 2005/10/19<br>APPROVED BY ZXDENG<br>DATE 2005/10/19 | SCALE ---<br>DESIGN UNITS METRIC<br>THIRD ANGLE PROJECTION | TITLE<br>DVI-D(M) TO DVI-D(M)<br>DL L=15FT BLACK |
|--|--|---------------------|--|------|------|------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|---------|------|---|---|--|--|
|  |  |                     |  | mm   | INCH |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
|  |  | 4 PLACES            |  | ±--- | ±--- |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
|  |  | 3 PLACES            |  | ±--- | ±--- |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
| 2 PLACES   | ±---   | ±---                |  |      |      |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
| 1 PLACE  | ±---   | ±---                |  |      |      |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
| ANGULAR  | ±---   | °                   |  |      |      |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
| MATERIAL NO.<br>68802-0014   | DOCUMENT NO.<br>SD-68802-014                                 | SHEET NO.<br>2 OF 2 |  |      |      |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
| SIZE A4<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                     |  |      |      |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |
| ib_frame_A4_P_ME_T<br>Rev. D 2004/04/02  |  |                     |  |      |      |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |   |   |  |  |

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