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|------------|--|-----------------------|-------------|-----------|---------------|
| 68802-0015 | DVI Cable- DVI-A(M) to VGA(M)-Analog L=6ft Black | 1829 ± 60 72 ± 2.4 | BLACK | 887808277 | 887809056 |
| MX P/N | DESCRIPTION | LENGTH | CABLE COLOR | CABLE P/N | VGA MTEAL CAN |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-------------------------------|--|--------------------|---|------------------------------|---------------------|------|------|----------|------|------|----------|------|------|---------|------|------|---------------|--|--|--------------------------|--------------|------------------------|------------------------|
| EC NO: DG2006-0096 DRWN:PDAI CHYD: 2005/10/19 APPR:KAN 2005/10/20 A | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <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 colspan="3">ANGULAR ±---°</td> </tr> </table> | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | ANGULAR ±---° | | | DIMENSION STYLE MM/IN | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | |
| | | 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ±---° | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | DRAWN BY PDAI | DATE 2005/10/19 | TITLE DVI-A(M) TO VGA(M) ANALOG L=6FT BLACK | | | | | | | | | | | | | | | | | | | | |
| | | | CHECKED BY PDAI | DATE 2005/10/19 | MOLEX INCORPORATED | | | | | | | | | | | | | | | | | | | | |
| | | | APPROVED BY ZXDENG | DATE 2005/10/19 | MATERIAL NO. 68802-0015 | DOCUMENT NO. SD-68802-015 | SHEET NO. 1 OF 2 | | | | | | | | | | | | | | | | | | |

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

NOTE: 1. OVERMOLD SPECIFICATION:

- 1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN 887800076.UL94V-0.
- 1.2 VGA OVERMOLDED WITH PVC BLUE RESIN 887800145.
- VGA INNERMOLDED WITH PE RESIN 887800008

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. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

PIN ASSIGNMENT:

| SHIELD | SHIELD | OUT RETIDE | GROUND |
|-----------|--------------|-------------|---------------------------|
| C 5 | PIN R6,G7,B8 | RED,GRN,BLE | ANLOG GROUND |
| C 4 | PIN 13 | WHITE | HORIZONTAL SYNC |
| C 3 | PIN 3 | BLUE | ANLOG |
| C 2 | PIN 2 | GREEN | ANLOG |
| C 1 | PIN 1 | RED | ANLOG |
| PIN 15 | PIN 5,10 | ORANGE | GROUND(+5V & HV SYNC) |
| PIN 14,16 | PIN 9 | YEL/BRN | POWER +5V/HOT PLUG DETECT |
| PIN 8 | PIN 14 | RED | VERTICAL SYNC |
| PIN 7 | PIN 12 | GREEN | DDC DATA |
| PIN 6 | PIN 15 | BLACK | DDC CLOCK |
| DVI_A | VGA | COLOR | CABLE FUNCTION |

MATERIAL LIST:

| ITEM | DESCRIPTION | L | QTY. |
|------|---------------------------------|------------|------|
| H | VGA METAL CAN 887809056 | | |
| G | VGA D-SUB CONNECTOR 887899320 | | 1 |
| F | VGA D-SUB THUMB SCREW 887806026 | | 2 |
| E | DVI SCREW THUMB 887806005 | | 2 |
| D | COPPER FOIL 887801082 | | 2 |
| C | DVI CAN 887899392 | | 1 |
| B | DVI_A G/F CONNECTOR 743230011 | | 1 |
| A | DVI ANALOG CABLE (SEE TABLE) | 1829(REF.) | 1 |

| | | | | | | | | |
|--|---|---------------------------------------|------|-----------------|--------------|--------------|--|--|
| EC NO: DG2006-0096 2005/10/19 DRWN:PDAI CHYD: APPR:KAN 2005/10/20 DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | $\nabla=0$ $\nabla=0$ | mm | INCH | MM/IN | --- | METRIC | | |
| | | 4 PLACES | ±--- | ±--- | DRAWN BY | DATE | TITLE | |
| | | 3 PLACES | ±--- | ±--- | PDAI | 2005/10/19 | DVI-A(M) TO VGA(M) ANALOG L=6FT BLACK | |
| | 2 PLACES | ±--- | ±--- | CHECKED BY | DATE | | | |
| | 1 PLACE | ±--- | ±--- | PDAI | 2005/10/19 | | | |
| | ANGULAR | ±--- | ° | APPROVED BY | DATE | | | |
| | | | | ZXDENG | 2005/10/19 | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | MATERIAL NO. | DOCUMENT NO. | SHEET NO. | | |
| | | | | 68802-0015 | SD-68802-015 | 2 OF 2 | | |
| | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

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