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|--|---|--------------------------|--|--------|-----------------|---|----------------------------------|------------------------|--|
| ENTER DESCRIPTION EC NO: DG2006-0186 DRW: PDAI CHKD: CHYKD APPR: KAN | DESCRIPTION 2006/03/09 2006/03/09 2006/03/10 | 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 | ±--- | ±--- | PDAI | 2006/03/07 | TITLE DVI_D(F)-DFP(M) ADAPTER | | |
| | | 3 PLACES | ±--- | ±--- | CHECKED BY | DATE | DRAWN BY PDAI | | |
| 2 PLACES | ±--- | ±--- | 2 PLACES | ZXDENG | 2006/03/07 | APPROVED BY | | | |
| 1 PLACE | ±--- | ±--- | 1 PLACE | BORON | 2006/03/07 | DATE | | | |
| ANGULAR ±---° | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. | DOCUMENT NO. | | SHEET NO. | |
| | | | | | 88741-9300 | SD-88741-014 | | 1 OF 2 | |
| | | | | | SIZE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | | | | A4 | | | | |

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- NOTE: 1. PLASTIC COVER: SNOW WHITE UL GRADE ABS.
 2. DVI CONNNECTOR SPECIFICATION
 2.1 REFER TO PRODUCT SPEC. PS-74320-001
 2.2 CONTACT PLATING: AU FLASH.
 3. ELECTRICAL PERFORMANCE
 3.1 INSULATION RESISANCE: 20 M Ohms Min
 3.2 DIELECTRIC STRENGTH: 300V DC FOR 10 MILLISECONDS.
 4. ADAPTOR SPECIFICATION
 4.1 REFER TO PRODUCT SPEC. PS88741-8800.
 5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

7. MATERIAL LIST

| | |
|------|---|
| F | SNOW WHITE LATCH 887899305 |
| E | DFP20 CONNECTOR 887899294 |
| D | DVI(F) TO DFP(M) ADAPTER BOTTOM COVER 887899307 |
| C | DVI(F) TO DFP(M) ADAPTER TOP COVER 887899302 |
| B | DVID FEMALE SCREW 887806066 |
| A | DVID FEMALE CONNECTOR 743207000 |
| ITEM | DESCRIPTION |

6. CONNECTION DIAGRAM

| SHIELD | SHIEDL | GROUND |
|----------|--------|------------------------|
| PIN 24 | PIN 6 | TMDS CLOCK- |
| PIN 23 | PIN 5 | TMDS CLOCK+ |
| PIN 22 | PIN 4 | TMDS CLOCK SHIELD |
| PIN 19 | PIN 14 | TMDS DATA 0 SHIELD |
| PIN 18 | PIN 15 | TMDS DATA 0+ |
| PIN 17 | PIN 16 | TMDS DATA 0- |
| PIN 16 | PIN 18 | HOT PLUG DETECT |
| PIN 15 | PIN 7 | GROUND(+5V & HV SYNC.) |
| PIN 14 | PIN 8 | POWER +5V |
| PIN 11 | PIN 3 | TMDS DATA 1 SHIELD |
| PIN 10 | PIN 1 | TMDS DATA 1+ |
| PIN 9 | PIN 2 | TMDS DATA 1- |
| PIN 7 | PIN 19 | DDC DATA |
| PIN 6 | PIN 20 | DDC CLOCK |
| PIN 3 | PIN 13 | TMDS DATA 2 SHIELD |
| PIN 2 | PIN 11 | TMDS DATA 2+ |
| PIN 1 | PIN 12 | TMDS DATA 2- |
| DVI_D(F) | DFP(M) | CABLE FUNCTION |

| | | | | | | | | |
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| | | BORON | | 2006/03/07 | SD-88741-014 | | | |
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Rev. D 2004/04/02

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