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|--|--|---|--|--|---------------------|------------------------|------------------------|
| ENTER DESCRIPTION EC NO: DG2006-0186 DRW: PDAI CHKD: CHYKD APPR: KAN 2006/03/09 2006/03/09 2006/03/10 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±---° | DRAWN BY PDAI DATE 2006/03/07 | TITLE DVI_A(M)-VGA(F) ADAPTER | | | |
| DESCRIPTION REV | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | CHECKED BY ZXDENG DATE 2006/03/07 | APPROVED BY BORON DATE 2006/03/07 | MOLEX INCORPORATED | | |
| | MATERIAL NO. 88741-8700 | | DOCUMENT NO. SD-88741-008 | | SHEET NO. 1 OF 2 | | |
| SIZE A4 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |

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- NOTE: 1. MOLD WITH SNOW WHITE PVC RESIN 887800077 FOR ADAPTOR COVER.
 2. DVI CONNNECTOR SPECIFICATION
 2.1 REFER TO PRODUCT SPEC. PS74320-0001.
 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.
 3.3 IMPEDANCE: 75 ± 10% Ohms ON THE CO-AXIAL WIRES.
 4. ADAPTOR SPECIFICATION
 4.1 REFER TO PRODUCT SPEC. PS88741-8700.
 5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6. CONNECTION DIAGRAM

| SHIELD | SHIELD | GROUND |
|--------------|-----------|---------------------------|
| PIN R6,G7,B8 | C 5 | ANLOG GROUND |
| PIN 13 | C 4 | HORIZONTAL SYNC |
| PIN 3 | C 3 | ANLOG |
| PIN 2 | C 2 | ANLOG |
| PIN 1 | C 1 | ANLOG |
| PIN 5,10 | PIN 15 | GROUND(+5V & HV SYNC) |
| PIN 9 | PIN 14,16 | POWER +5V/HOT PLUG DETECT |
| PIN 14 | PIN 8 | VERTICAL SYNC |
| PIN 12 | PIN 7 | DDC DATA |
| PIN 15 | PIN 6 | DDC CLOCK |
| VGA | DVI_A | CABLE FUNCTION |

7. MATERIAL LIST

| C | SCREW (WHITE) 887806002 |
|------|--------------------------------------|
| B | FEMALE 15C D-SUB CONNECTOR 887899318 |
| A | DVI_A G/F CONNECTOR 743230011 |
| ITEM | DESCRIPTION |

| | | | | | | | | |
|--|-----------------------------|---------------------------------------|-------------|---|------------|--------------|---|---|
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| | | | | MM/IN | --- | METRIC | MOLEX INCORPORATED DVI_A(M)-VGA(F) ADAPTER | |
| | | 4 PLACES | ±--- | ±--- | DRAWN BY | DATE | | MATERIAL NO. 88741-8700 DOCUMENT NO. SD-88741-008 SHEET NO. 2 OF 2 |
| | | 3 PLACES | ±--- | ±--- | CHECKED BY | DATE | | |
| 2 PLACES | ±--- | ±--- | ZXDENG | 2006/03/07 | | | | |
| 1 PLACE | ±--- | ±--- | APPROVED BY | DATE | | | | |
| | | ANGULAR ±---° | BORON | 2006/03/07 | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

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