

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

NOTE:1. MOLD WITH SNOW WHITE PVC RESIN 887800077 FOR ADAPTOR COVER.

2. DVI CONNCETOR 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 |

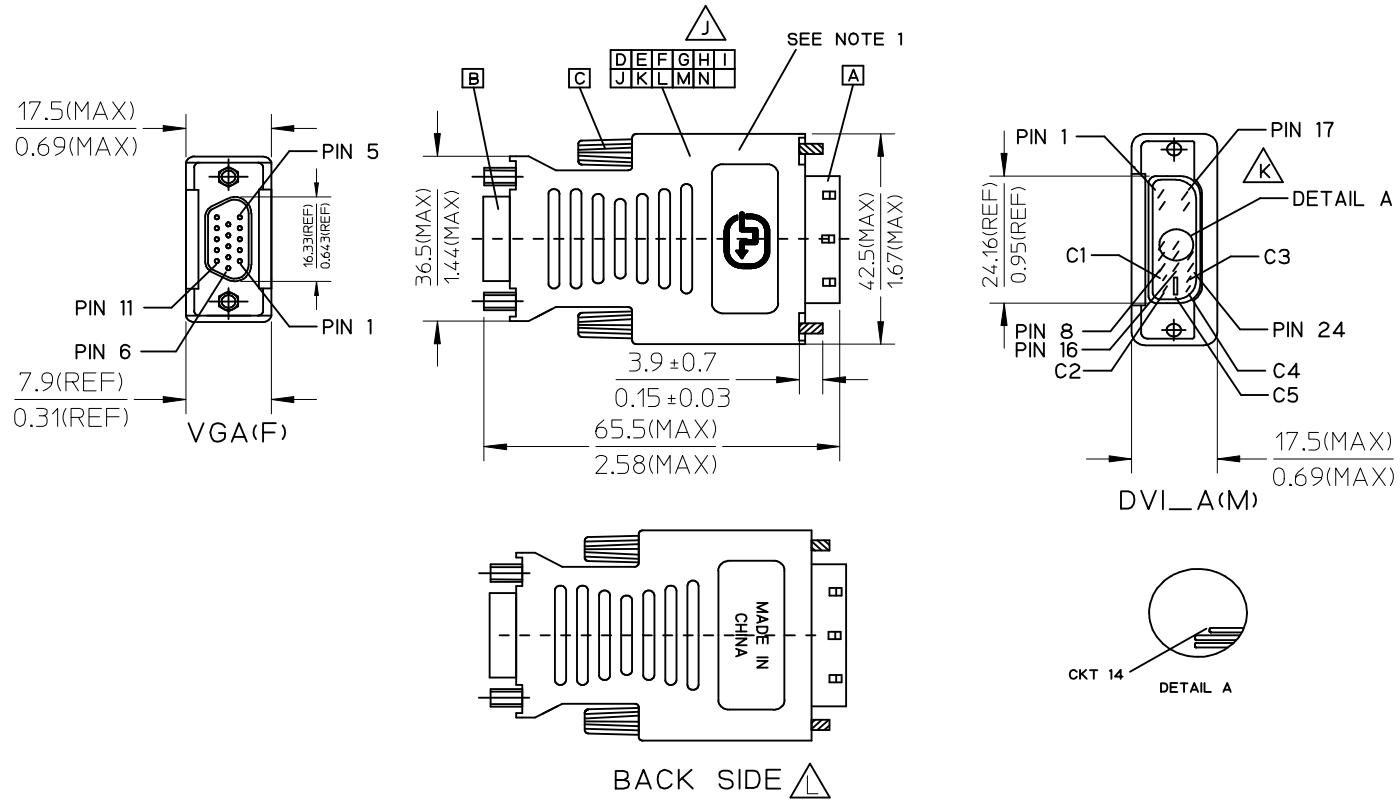
7. MATERIAL LIST

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

| | | | | | | | | | | |
|--|--|-----------------------------|---|-------|---------------------------|--------------------|----------------------------------|------------------------|------------------------|--|
| ENTER DESCRIPTION EC NO: DG2006-0186 DRWN:PDAI CHKD: APPR:TKAN | 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 | | ± --- | ± --- | DRAWN BY PDAI | DATE 2006/03/07 | TITLE DVI_A(M)-VGA(F) ADAPTER | | | |
| | 3 PLACES | | ± --- | ± --- | CHECKED BY ZXDENG | DATE 2006/03/07 | | | | |
| | 2 PLACES | | ± --- | ± --- | APPROVED BY BORON | DATE 2006/03/07 | MATERIAL NO. 88741-8700 | | | |
| 1 PLACE | ± --- | ± --- | ANGULAR ± ---° | | DOCUMENT NO. SD-88741-008 | | SHEET NO. 2 OF 2 | | | |
| 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 | | | | | | | |

REVISIONS

| ECN NO | REVISION | DATE | DESCRIPTION | CHANGER |
|-----------|----------|-----------|--|---------|
| CY12-8394 | J | FEB.08.12 | THE CUSTOMER REQUIRE ADD HST TO THE RGB WIRE | TLIN |
| CY13-6281 | K | MAR.20.13 | ADD ERROR-PROOF STRUCTURE IN THE OUTER COVER | TLIN |
| CY14-6482 | L | APR.14.14 | UPDATE BACK VIEW | AHOU |



| | | | | | | | | | |
|--|--|--------------------------------------|---------------------------------------|-------|---|------------|----------------------------------|------------------------|------------------------|
| ENTER DESCRIPTION EC NO: CPG2014-3142 DRWN: XJGU001 CHKD: AHOU APPR: FNIE | 2014/04/16 2014/04/16 2014/04/23 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | | mm | INCH | DRAWN BY | DATE | TITLE DVI_A(M)-VGA(F) ADAPTOR | | |
| | | | 4 PLACES ± --- | ± --- | XJGU001 | 2013/04/10 | | | |
| | | | 3 PLACES ± --- | ± --- | CHECKED BY | DATE | | | |
| 2 PLACES ± 0.25 | ± --- | HW. GAO | 2013/04/10 | | | | | | |
| 1 PLACE ± 0.5 | ± --- | APPROVED BY | DATE | | | | | | |
| 0 PLACE ± --- | ± --- | XAWANG | 2013/04/12 | | | | | | |
| ANGULAR ± 3 ° | | | MATERIAL NO. 887418700 | | DOCUMENT NO. SD-88741-8700 | | SHEET NO. 1 OF 2 | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SIZE A 4 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

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NOTES:

1. MATERIAL:

1.1 MOLD WITH SNOW WHITE PVC RESIN FOR ADAPTOR COVER.

2. DVI CONNECTOR SPECIFICATION:

2.1 REFER TO PRODUCT SPEC. PS74320-0001.

2.2 CONTACT PLATING: GOLD FLASH.

3.ELECTRICAL PERFORMANCE:

3.1 INSULATOR RESISTANCE: 20M OHMS MIN.

3.2 DIELECTRONIC STRENGTH: 300V DC FOR 10 MILLISECONDS.

3.3 IMPEDANCE: 75±10% OHMS ON THE CO-AXIAL WIRES.

4.THIS PRODUCT MUST MEET THE EU RoHS CHEMICAL

SUBSTANCES SPECIFICATION FOR PRODUCT(EU 2002/95/EC)

| 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 |

| ITEM | DESCRIPTION | L | QTY. |
|------|----------------------------|-----|------|
| N | HOT SHRINK TUBE | A/R | 3 |
| M | UL1061 AWG28 BROWN | A/R | 1 |
| L | UL1061 AWG28 GREEN | A/R | 1 |
| K | UL1061 AWG28 YELLOW | A/R | 1 |
| J | UL1061 AWG28 ORANGE | A/R | 1 |
| I | UL1061 AWG28 RED | A/R | 1 |
| H | UL1061 AWG28 BLACK | A/R | 1 |
| G | COAXIAL #30 RED | A/R | 1 |
| F | COAXIAL #30 GREEN | A/R | 1 |
| E | COAXIAL #30 BLUE | A/R | 1 |
| D | COPPER FOIL | | 1 |
| C | SCREW (WHITE) | | 2 |
| B | FEMALE 15C D-SUB CONNECTOR | | 1 |
| A | DVI_A G/F CONNECTOR | | 1 |

| | | | | | | | | | | | |
|---|--------------------|-------------------|---------------------------------------|--------|--------------------------|---------------------------|---|----------------------------------|------------------------|---------------------|--|
| ENTER DESCRIPTION EC NO: CPG2014-3142 DRW: XJGU001 CHKD: AHO APPR: FNIE | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | F=0 F=0 F=0 | 4 PLACES | ± --- | ± --- | DRAWN BY XJGU001 | DATE 2013/04/10 | TITLE DVI_A(M)-VGA(F) ADAPTOR | | | |
| | | | 3 PLACES | ± --- | ± --- | CHECKED BY HW.GAO | DATE 2013/04/10 | | | | |
| | | | 2 PLACES | ± 0.25 | ± --- | APPROVED BY XAWANG | DATE 2013/04/12 | | | | |
| | | | 1 PLACE | ± 0.5 | ± --- | MATERIAL NO. 887418700 | | DOCUMENT NO. SD-88741-8700 | | SHEET NO. 2 OF 2 | |
| 0 PLACE | ± --- | ± --- | ANGULAR ± 3 ° | | SIZE A4 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | |

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