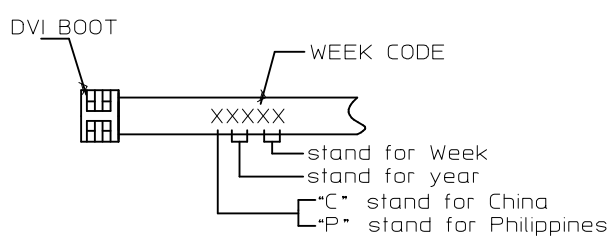
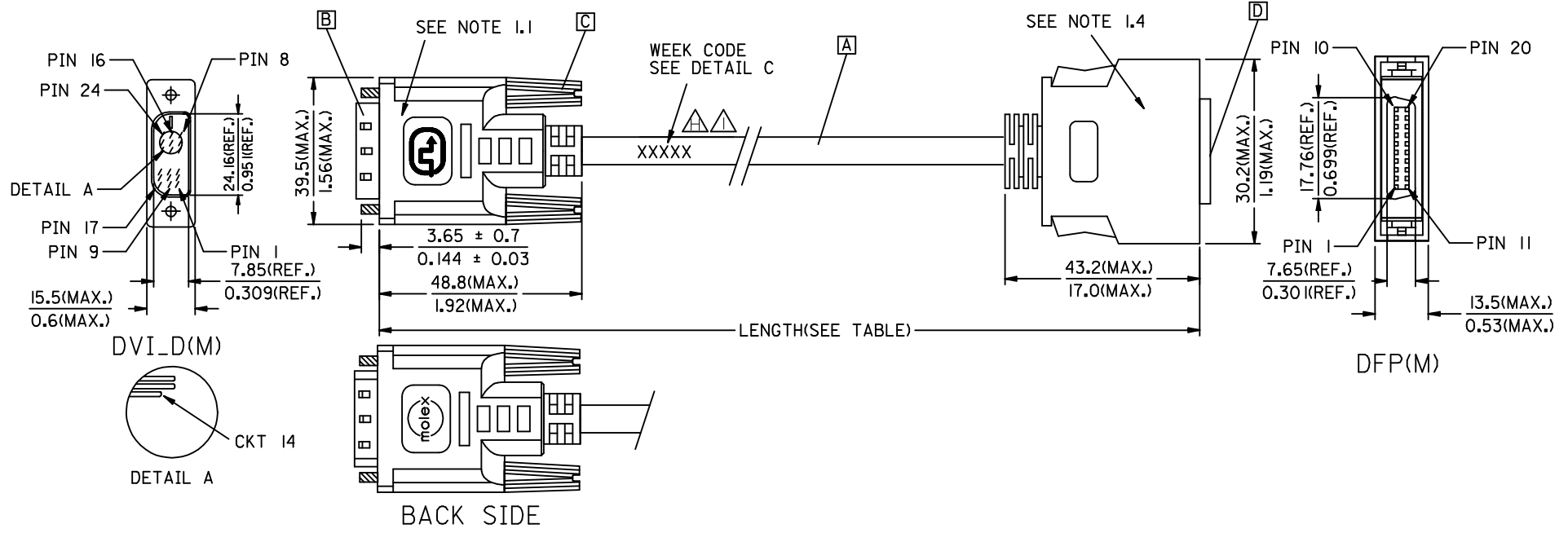


| REVISIONS |            |     |  |         |
|-----------|------------|-----|--|---------|
| EC NO     | DATE       | REV | DESCRIPTION  | CHANGER |
| CY14-5154 | 2013/08/31 | H   | CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES | AHOU    |
| CY14-5301 | 2013/09/12 | I   | CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES | AHOU    |



|    |               |  |                           |                    |                  |
|----|---------------|--|---------------------------|--------------------|------------------|
| ▲▲ | 88741-8621    | DVI_D-DFP DIGITAL CABLE ASS'Y 5M PARCHMENT WHT | 5000 ± 150<br>196.9 ± 5.9 | PARCHMENT WHITE    | 887808287        |
| ▲▲ | 88741-8611    | DVI_D-DFP DIGITAL CABLE ASS'Y 3M PARCHMENT WHT | 3000 ± 80<br>118.1 ± 3.1  | PARCHMENT WHITE    | 887808287        |
| ▲▲ | 88741-8601    | DVI_D-DFP DIGITAL CABLE ASS'Y 2M PARCHMENT WHT | 2000 ± 60<br>78.7 ± 2.4   | PARCHMENT WHITE    | 887808827        |
| ▲▲ | 88741-8620    | DVI_D-DFP DIGITAL CABLE ASS'Y 5M BLK           | 5000 ± 150<br>196.9 ± 5.9 | BLACK              | 887808276        |
| ▲▲ | 88741-8610    | DVI_D-DFP DIGITAL CABLE ASS'Y 3M BLK           | 3000 ± 80<br>118.1 ± 3.1  | BLACK              | 887808276        |
| ▲▲ | 88741-8600    | DVI_D-DFP DIGITAL CABLE ASS'Y 2M BLK           | 2000 ± 60<br>78.7 ± 2.4   | BLACK              | 887808276        |
|    | <b>MX P/N</b> | <b>DESCRIPTION</b>                             | <b>LENGTH</b>             | <b>CABLE COLOR</b> | <b>CABLE P/N</b> |

▲▲ DETAIL C

|  |  |   |  |   |                                 |  |                                       |                               |                               |
|--|--|---|--|---|---------------------------------|--|---------------------------------------|-------------------------------|-------------------------------|
| <b>ENTER DESCRIPTION</b><br>EC NO: CPG2014-0806<br>DRWN: XJGU001<br>CHKD: AHOU<br>APPR: XAWANG | <b>DESCRIPTION</b><br>2013/09/16<br>2013/09/16<br>2013/09/12 | <b>QUALITY SYMBOLS</b><br>$F_A = 0$<br>$F_C = 0$<br>$F_P = 0$ | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> |   | <b>DIMENSION STYLE</b><br>MM/IN |  | <b>SCALE</b>                          | <b>DESIGN UNITS</b><br>METRIC | <b>THIRD ANGLE PROJECTION</b> |
|  |  |   | mm   | INCH  | DRAWN BY<br>XJGU001             | DATE<br>2013/09/07   | <b>TITLE</b><br>DVI_D-DFP DIGITAL CBL |                               |                               |
|  |  |   | 4 PLACES ± --- ± ---                         |   | CHECKED BY<br>ZXDENG            | DATE<br>2013/09/07   |                                       |                               |                               |
|  |  |   | 3 PLACES ± --- ± ---                         |   | APPROVED BY<br>XAWANG           | DATE<br>2013/09/12   |                                       |                               |                               |
| 2 PLACES ± --- ± ---   |  | 1 PLACE ± --- ± ---   |  | <b>SEE TABLE</b>  |                                 | <b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b> |                                       |                               |                               |
| 0 PLACE ± --- ± ---  |  | ANGULAR ± --- °   |  | <b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b> |                                 |  |                                       |                               |                               |

## NOTE: 1. OVERMOLD SPECIFICATION

- 1.1 DVI BOOT MOLDED WITH SONW WHITE PVC RESIN P/N IS 887800076.  
 1.2 UL94V-0, COLOR: MAD432  
 1.3 HARDNESS (DUROMETER): SHORE A 90-95  
 1.4 DFP BOOT MOLDED WITH UL94V-0 ABS.

## 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 I.

## 3. CABLE ELECTRICAL SPECIFICATION

- 3.1 DIELECTRIC STRENGTH: 300VDC FOR 10mS.  
 3.2 INSULATION RESISTANCE: 20 MEGA Ohms  
 3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE:  $100 \pm 7$  Ohms @TDR.

## 4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS-74320-001.  
 4.2 CONTACT PLATING: AU FLASH.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

## 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  | DFP    | CABLE FUNCTION         |

## 7 . MATERIAL LIST

|      |  |
|------|--|
| D    | MDR 20 CONNECTOR(ACON) 887899280             |
| C    | DVI THUMB SCREW 887806077                    |
| B    | DVI_D SINGLE CHANNEL G/F CONNECTOR 743230101 |
| A    | DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)     |
| ITEM | DESCRIPTION                                  |

|   |   |   |    |                          |                       |                    |                                |                        |  |  |
|---|---|---|----|--------------------------|-----------------------|--------------------|--------------------------------|------------------------|--|--|
| ENTER DESCRIPTION<br>EC NO: CPG2014-0806<br>DRW: XJGU001 2013/09/16<br>CHKD: AHOU 2013/09/16<br>APPR: XAWANG 2013/09/24 | QUALITY SYMBOLS<br>$\nabla_F = 0$<br>$\nabla_F = 0$<br>$\nabla_F = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)   |    | DIMENSION STYLE<br>MM/IN |                       | SCALE<br>— —       | DESIGN UNITS<br>METRIC         | THIRD ANGLE PROJECTION |  |  |
|   |   |   | mm | INCH                     | DRAWN BY<br>XJGU001   | DATE<br>2013/09/07 | TITLE<br>DVI_D-DFP DIGITAL CBL |                        |  |  |
|   |   |   |    |                          | CHECKED BY<br>ZXDENG  | DATE<br>2013/09/07 |                                |                        |  |  |
|   |   |   |    |                          | APPROVED BY<br>XAWANG | DATE<br>2013/09/12 |                                |                        |  |  |
|   |   | ANGULAR $\pm$ ----  |    | MATERIAL NO.             | DOCUMENT NO.          |                    | SHEET NO.                      |                        |  |  |
|   |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |    | SEE TABLE                |                       | SD-88741-007       |                                | 2 OF 2                 |  |  |
|   |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |                          |                       |                    |                                |                        |  |  |

NOTE:1. OVERMOLD SPECIFICATION

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- 1.2 UL94V-0, COLOR: MAD432
- 1.3 HARDNESS (DUROMETER): SHORE A 90-95
- 1.4 DFP BOOT MOLDED WITH UL94V-0 ABS.

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- 2.2 CABLE SHOULD PASS THE FLEX TEST IN 100 CYCLES AT EACH OF PLANES, PER EIA 364-41, CONDITION 1.

3. CABLE ELECTRICAL SPECIFICATION

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- 3.2 INSULATION RESISTANCE: 20 MEGA Ohms
- 3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS-74320-001.
- 4.2 CONTACT PLATING: AU FLASH.





5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

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+           |
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| 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  | DFP    | CABLE FUNCTION         |

7 . MATERIAL LIST

|      |  |
|------|--|
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| C    | DVI THUMB SCREW 887806077                    |
| B    | DVI.D SINGLE CHANNEL G/F CONNECTOR 743230101 |
| A    | DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)     |
| ITEM | DESCRIPTION                                  |

|  |  |   |  |   |                           |                    |  |                              |  |  |
|--|--|---|--|---|---------------------------|--------------------|--|------------------------------|--|--|
| ENTER DESCRIPTION<br>EC NO: DG2006-0186<br>DRWN:PDAI<br>CHKD:<br>APPR:TKAN | 2006/03/09<br>2006/03/09<br>2006/03/10 | QUALITY SYMBOLS<br> =0<br> =0 | GENERAL TOLERANCES (UNLESS SPECIFIED)  |   | DIMENSION STYLE<br>MM/IN  |                    | SCALE<br>---   | DESIGN UNITS<br>METRIC       |  THIRD ANGLE PROJECTION |  |
|  |  |   |  | mm      INCH  | DRAWN BY<br>PDAI          | DATE<br>2006/03/07 | TITLE<br>DVI_D-DFP DIGITAL CBL   |                              |  |  |
|  |  |   |  | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± --- ± ---<br>1 PLACE ± --- ± --- | CHECKED BY<br>ZXDENG      | DATE<br>2006/03/07 | APPROVED BY<br>BORON   |                              |  |  |
|  |  |   |  | ANGULAR ± ---°  | MATERIAL NO.<br>SEE TABLE | DATE<br>2006/03/07 |  MOLEX INCORPORATED | DOCUMENT NO.<br>SD-88741-007 | SHEET NO.<br>2 OF 2  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                 |  |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                           |                    |  |                              |  |  |