

Excellent Integrated System Limited

Stocking Distributor

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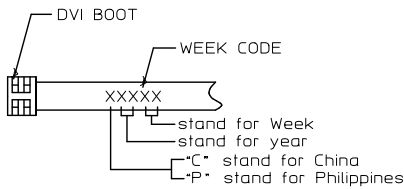
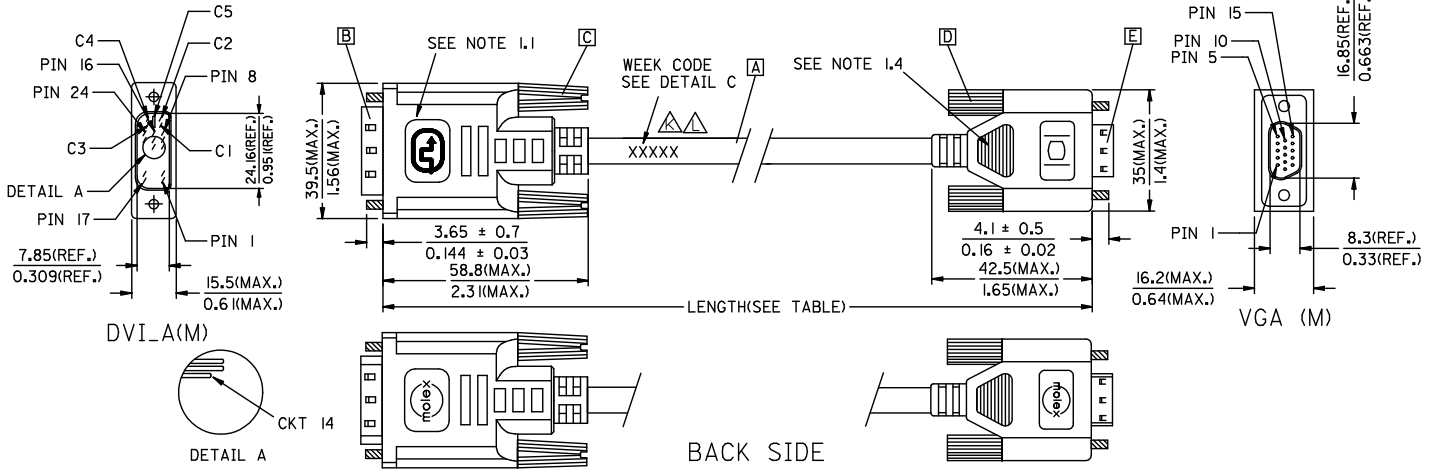
[Molex Connector Corporation](#)
[0887418301](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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

| REVISIONS | | | | |
|-----------|------------|-----|--|---------|
| EC NO | DATE | REV | DESCRIPTION | CHANGER |
| CY14-5154 | 2013/08/30 | K | CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES | AHOU |
| CY14-5301 | 2013/09/12 | L | CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES | AHOU |



| MX P/N | DESCRIPTION | LENGTH | CABLE COLOR | CABLE P/N |
|------------|--|---------------------------|-----------------|-----------|
| 88741-8321 | DVI_A-VGA CABLE ASS'Y 5M PARCHMENT WHT | 5000 ± 150 196.9 ± 5.9 | PARCHMENT WHITE | 887808286 |
| 88741-8311 | DVI_A-VGA CABLE ASS'Y 3M PARCHMENT WHT | 3000 ± 80 118.1 ± 3.1 | PARCHMENT WHITE | 887808286 |
| 88741-8301 | DVI_A-VGA CABLE ASS'Y 2M PARCHMENT WHT | 2000 ± 60 78.7 ± 2.4 | PARCHMENT WHITE | 887808286 |
| 88741-8320 | DVI_A-VGA CABLE ASS'Y 5M BLK | 5000 ± 150 196.9 ± 5.9 | BLACK | 887808277 |
| 88741-8310 | DVI_A-VGA CABLE ASS'Y 3M BLK | 3000 ± 80 118.1 ± 3.1 | BLACK | 887808277 |
| 88741-8300 | DVI_A-VGA CABLE ASS'Y 2M BLK | 2000 ± 60 78.7 ± 2.4 | BLACK | 887808277 |

DETAIL C

| | | | | | | | | |
|--|---|---|---------|---|--------------------------|-------------|------------------------------|------------------------|
| ENTER DESCRIPTION EC NO: CPG2014-0798 DRWNX: JGJ001 CHYD: AHOU APPR: XAWANG 2013/09/16 2013/09/16 2013/09/16 2013/09/12 | QUALITY SYMBOLS □=0 ▽=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 ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± --- ° | mm INCH | DRAWN BY XJGU001 DATE 2013/09/06 CHECKED BY ZXDENG DATE 2013/09/06 APPROVED BY XAWANG DATE 2013/09/12 | TITLE DVI_A-VGA CABLE | | DOCUMENT NO. SD-88741-004 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

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NOTE: 1. OVERMOLD SPECIFICATION

FOR DVI

- 1.1 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN P/N IS 887800076.
- 1.2 UL94V-0, COLOR: MAD432
- 1.3 HARDNESS (DUROMETER): SHORE A 90-95 FOR VGA
- 1.4 VGA MOLDED WITH PVC BLUE RESIN 887800145.
 - 1.4.1 UL94V-0, COLOR: PANTUNE 661C

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 SIGNAL LINE INSULATION RESISTANCE: 20 MEGA Ohms
- 3.3 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75±7.5 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS74320-0001.
- 4.2 CONTACT PLATING: AU FLASH.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6. CONNECTION DIAGRAM

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

7. MATERIAL LIST

| ITEM | DESCRIPTION |
|------|--------------------------------|
| E | VGA D-SUB CONNECTOR 887899320 |
| D | VGA D-SUB THUMBSCREW 887806026 |
| C | DVI THUMB SCREW 887806005 |
| B | DVI_A G/F CONNECTOR 743230011 |
| A | DVI ANALOG CABLE(SEE TABLE) |

| | | | | | | | | |
|---|--------------------------------------|--|-------|--------------------------|-----------------------|--|--------------------------|------------------------|
| ENTER DESCRIPTION EC NO: CPG2014-0798 DRWN: XJGU01 CHKD: AHOU APP: XAWANG | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES | ± --- | ± --- | DRAWN BY XJGU01 | DATE 2013/09/06 | TITLE DVI_A-VGA CABLE | |
| L | REV | 3 PLACES | ± --- | ± --- | CHECKED BY ZXDENG | DATE 2013/09/06 | | |
| | | 2 PLACES | ± --- | ± --- | APPROVED BY XAWANG | DATE 2013/09/12 | | |
| | | 1 PLACE | ± --- | ± --- | MATERIAL NO. | | DOCUMENT NO. | SHEET NO. |
| | | 0 PLACE | ± --- | ± --- | SEE TABLE | | SD-88741-004 | 2 OF 2 |
| | | ANGULAR ± --- ° | | 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 | | | | | | |

6 5 4 3 2 1

7 6 5 4 3 2 1

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I.3 HARDNESS (DUROMETER): SHORE A 90-95

FOR VGA

I.4 VGA MOLDED WITH PVC BLUE RESIN 887800145.

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| D | VGA D-SUB THUMBSCREW 887806026 |
| C | DVI THUMB SCREW 887806005 |
| B | DVI_A G/F CONNECTOR 743230011 |
| A | DVI ANALOG CABLE(SEE TABLE) |

| | | | | | | |
|---|--------------------|---------------------------------------|---|-----------------|--------------|------------------------|
| ENTER DESCRIPTION EC NO: DG2006-0186 DRAWN: PDAI CHKD: J APPR: IKAN 2006/03/09 2006/03/09 2006/03/10 DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | MM/IN | --- | METRIC | |
| | ▽=0 | 4 PLACES ±--- ±--- | DRAWN BY DATE | TITLE | | |
| | | 3 PLACES ±--- ±--- | PDAI 2006/03/07 | DVI_A-VGA CABLE | | |
| | 2 PLACES ±--- ±--- | CHECKED BY DATE | MOLEX MOLEX INCORPORATED | | | |
| | 1 PLACE ±--- ±--- | ZXDENG 2006/03/07 | MATERIAL NO. DOCUMENT NO. | | | |
| | ANGULAR ±---° | APPROVED BY DATE | SD-88741-004 SHEET NO. | | | |
| | | BORON 2006/03/07 | 2 OF 2 | | | |
| | | SEE TABLE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

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