

Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)

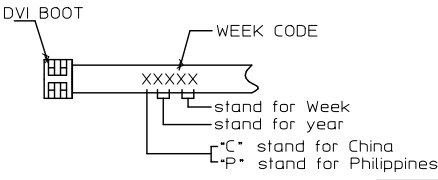
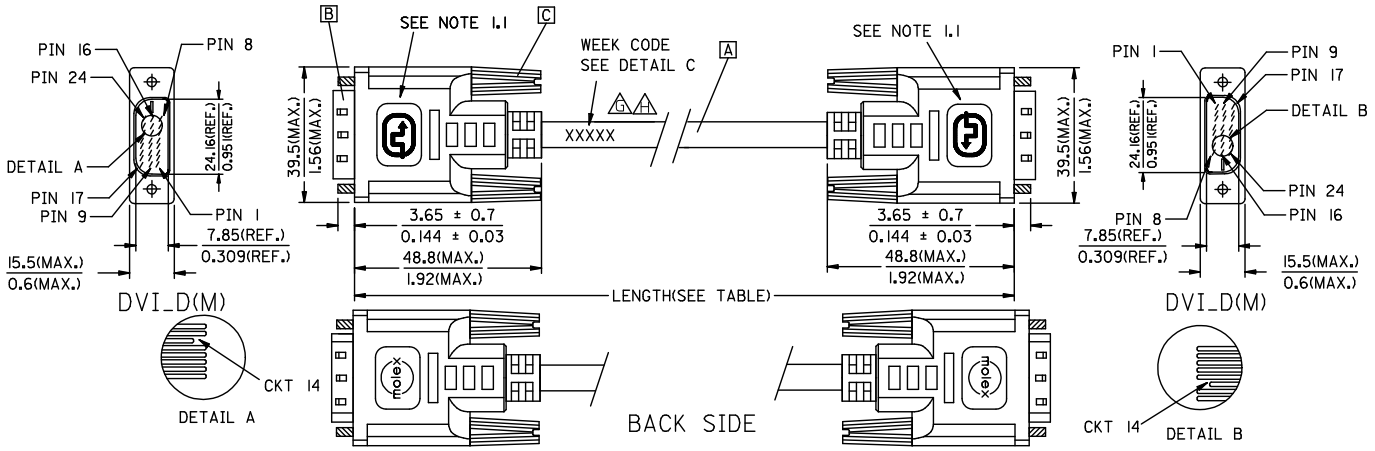
[0887418121](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

7 6 5 4 3 2 1

| REVISIONS | | | | |
|-----------|------------|-----|--|---------|
| EC NO | DATE | REV | DESCRIPTION | CHANGER |
| CY14-5154 | 2013/08/21 | G | CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES | AHOU |
| CY14-5301 | 2013/09/12 | H | CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES | AHOU |



| | | | | | |
|---|---------------|--|---------------------------|--------------------|------------------|
| △ | 88741-8121 | DVI_D-DVI_D DUAL LINK CABLE 5M PARCHMENT WHT | 5000 ± 150 196.9 ± 5.9 | PARCHMENT WHITE | 887808369 |
| △ | 88741-8111 | DVI_D-DVI_D DUAL LINK CABLE 3M PARCHMENT WHT | 3000 ± 80 118.1 ± 3.1 | PARCHMENT WHITE | 887808369 |
| △ | 88741-8101 | DVI_D-DVI_D DUAL LINK CABLE 2M PARCHMENT WHT | 2000 ± 60 78.7 ± 2.4 | PARCHMENT WHITE | 887808369 |
| △ | 88741-8120 | DVI_D-DVI_D DUAL LINK CABLE 5M BLK | 5000 ± 150 196.9 ± 5.9 | BLACK | 887808368 |
| △ | 88741-8110 | DVI_D-DVI_D DUAL LINK CABLE 3M BLK | 3000 ± 80 118.1 ± 3.1 | BLACK | 887808368 |
| △ | 88741-8100 | DVI_D-DVI_D DUAL LINK CABLE 2M BLK | 2000 ± 60 78.7 ± 2.4 | BLACK | 887808368 |
| | MX P/N | DESCRIPTION | LENGTH | CABLE COLOR | CABLE P/N |

| ENTER DESCRIPTION EC NO: CFG2014-0797 DRWN: XJGU001 CHKD: AHOU APPR: XAWANG | DESCRIPTION 2013/09/16 2013/09/16 2013/09/24 | QUALITY SYMBOLS F/0 E/0 P/0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|---|---|--------------------------------------|---|-------|--------------------|-----------------|--------|--------------|------------------------|
| | | | mm | INCH | MM/IN | DATE | METRIC | | |
| | | | 4 PLACES ± --- | ± --- | DRAWN BY XJGU001 | DATE 2013/09/06 | | | |
| | | | 3 PLACES ± --- | ± --- | CHECKED BY ZXDENG | DATE 2013/09/06 | | | |
| | | | 2 PLACES ± --- | ± --- | APPROVED BY XAWANG | DATE 2013/09/12 | | | |
| | | | 1 PLACE ± --- | ± --- | | | | | |
| | | | 0 PLACE ± --- | ± --- | | | | | |
| | | | ANGULAR ± ---° | | MATERIAL NO. | | | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | | | |
| | | | | | SIZE A/4 | | | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

DVI_D DUAL LINK CABLE

molex

DOCUMENT NO. SD-88741-002 SHEET NO. 1 OF 2

6 5 4 3 2 1

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

8. CONNECTION DIAGRAM

| SHIELD | SHIELD | GROUND |
|--------|--------|----------------------|
| PIN 24 | PIN 24 | TMDS CLOCK- |
| PIN 23 | PIN 23 | TMDS CLOCK+ |
| PIN 22 | PIN 22 | TMDS CLOCK SHIELD |
| PIN 21 | PIN 21 | TMDS DATA 5+ |
| PIN 20 | PIN 20 | TMDS DATA 5- |
| PIN 19 | PIN 19 | TMDS DATA 0/5 SHIELD |
| PIN 18 | PIN 18 | TMDS DATA 0+ |
| PIN 17 | PIN 17 | TMDS DATA 0- |
| PIN 16 | PIN 16 | HOT PLUG DETECT |
| PIN 15 | PIN 15 | GROUND(+5V) |
| PIN 14 | PIN 14 | POWER +5V |
| PIN 13 | PIN 13 | TMDS DATA 3+ |
| PIN 12 | PIN 12 | TMDS DATA 3- |
| PIN 11 | PIN 11 | TMDS DATA 1/3 SHIELD |
| PIN 10 | PIN 10 | TMDS DATA 1+ |
| PIN 9 | PIN 9 | TMDS DATA 1- |
| PIN 7 | PIN 7 | DDC DATA |
| PIN 6 | PIN 6 | DDC CLOCK |
| PIN 5 | PIN 5 | TMDS DATA 4+ |
| PIN 4 | PIN 4 | TMDS DATA 4- |
| PIN 3 | PIN 3 | TMDS DATA 2/4 SHIELD |
| PIN 2 | PIN 2 | TMDS DATA 2+ |
| PIN 1 | PIN 1 | TMDS DATA 2- |
| DVI.D | DVI.D | CABLE FUNCTION |

NOTE: 1. OVERMOLD SPECIFICATION

- 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

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 1.

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 ± 7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PST4320-0001.
- 4.2 CONTACT PLATING: AU FLASH.

5. SHORTCIRCUIT AMONG DRAIN WIRES SIGNAL GROUND IS ACCEPTABLE IN DVI CABLE.

- 6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

7. MATERIAL LIST

| C | DVI THUMB SCREW 887806077 |
|------|--|
| B | DVI_D DUAL CHANNEL G/F CONNECTOR 743230003 |
| A | DVI DUAL LINK CABLE (SEE TABLE) |
| ITEM | DESCRIPTION |

| | | | | | | | | |
|---|---|---------------------------------------|------|--|---------------------------|---|---------------------|------------------------|
| ENTER DESCRIPTION EC NO: CPG2014-0797 DRWN: XJGU01 2013/09/16 CHKD: AHOU 2013/09/16 APPR: XAWANG 2013/09/24 H REV | QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | mm | INCH | DRAWN BY XJGU01 | DATE 2013/09/06 | TITLE DVI_D DUAL LINK CABLE | | |
| | | 4 PLACES ± --- ± --- | | CHECKED BY | DATE 2013/09/06 | | | |
| | | 3 PLACES ± --- ± --- | | APPROVED BY XAWANG | DATE 2013/09/12 | | | |
| | | 2 PLACES ± --- ± --- | | MATERIAL NO. | DOCUMENT NO. SD-88741-002 | SHEET NO. 2 OF 2 | | |
| | | 1 PLACE ± --- ± --- | | SEE TABLE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | | 0 PLACE ± --- ± --- | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | |

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

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| PIN 17 | PIN 17 | TMDS DATA 0- |
| PIN 16 | PIN 16 | HOT PLUG DETECT |
| PIN 15 | PIN 15 | GROUND(+5V) |
| PIN 14 | PIN 14 | POWER +5V |
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| PIN 12 | PIN 12 | TMDS DATA 3- |
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| PIN 10 | PIN 10 | TMDS DATA 1+ |
| PIN 9 | PIN 9 | TMDS DATA 1- |
| PIN 7 | PIN 7 | DDC DATA |
| PIN 6 | PIN 6 | DDC CLOCK |
| PIN 5 | PIN 5 | TMDS DATA 4+ |
| PIN 4 | PIN 4 | TMDS DATA 4- |
| PIN 3 | PIN 3 | TMDS DATA 2/4 SHIELD |
| PIN 2 | PIN 2 | TMDS DATA 2+ |
| PIN 1 | PIN 1 | TMDS DATA 2- |
| DVI.D | DVI.D | CABLE FUNCTION |

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- 3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100 ± 7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

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- 4.2 CONTACT PLATING: AU FLASH.
- 5. SHORTCIRCUIT AMONG DRAIN WIRES SIGNAL GROUND IS ACCEPTABLE IN DVI CABLE.
- 6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

7. MATERIAL LIST

| ITEM | DESCRIPTION |
|------|--|
| C | DVI THUMB SCREW 887806077 |
| B | DVI.D DUAL CHANNEL G/F CONNECTOR 743230003 |
| A | DVI DULA LINK CABLE (SEE TABLE) |

| | | | | | | | | |
|--|---------------------|--|--|------------------|--|---|--------------|------------------------|
| ENTER DESCRIPTION EC NO: DG2006-0186 T1: DRW: PDAI CHKD: 2006/03/09 APPR: IKAN 2006/03/10 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | | | MM/IN | | --- | METRIC | |
| | | | | DRAWN BY DATE | | TITLE | | |
| | | | | CHECKED BY DATE | | DVI_D DUAL LINK CABLE | | |
| | | APPROVED BY DATE | | BORON 2006/03/07 | | MOLEX INCORPORATED | | |
| | | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | | |
| | | SEE TABLE | | SD-88741-002 | | 2 OF 2 | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | | ANGULAR ±---° | | A/4 | | | | |

6 5 4 3 2 1