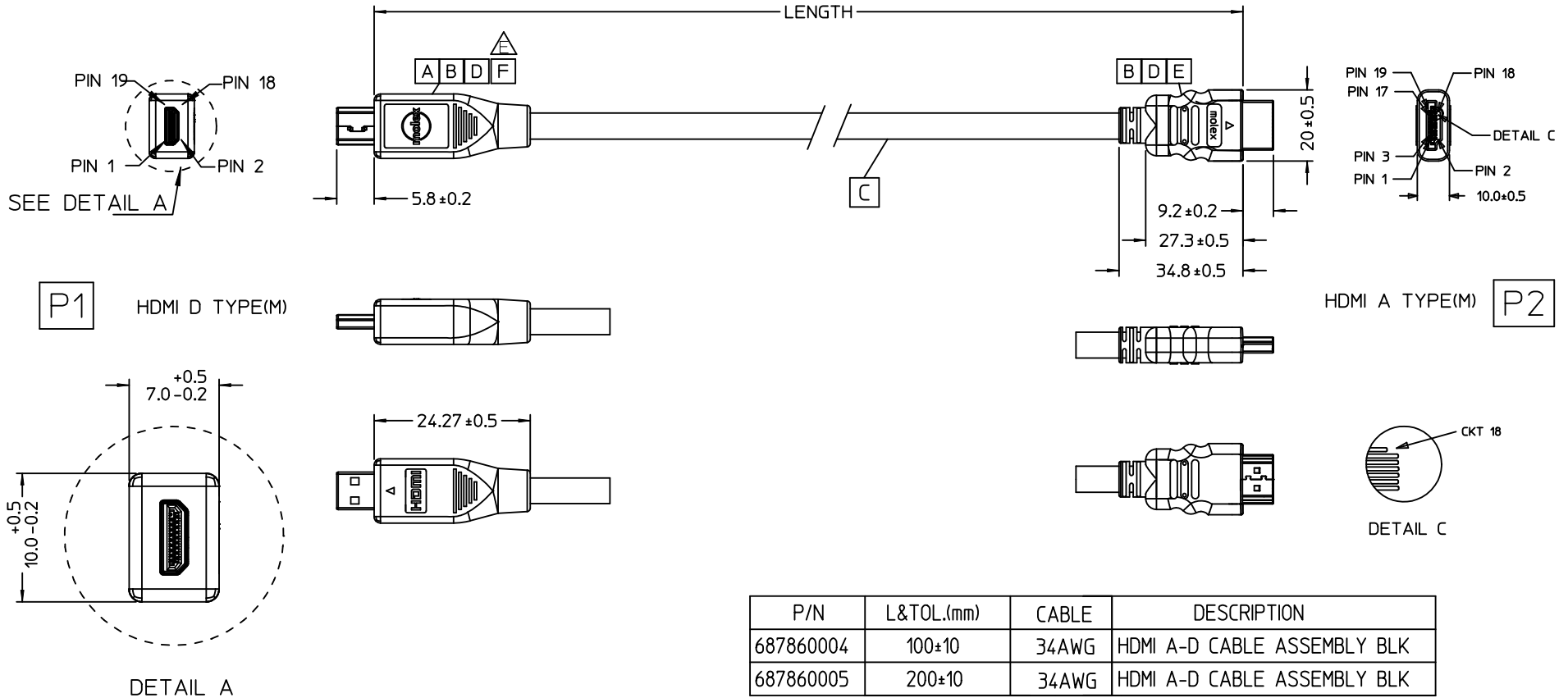


|           |   |      |   |   |   |   |         |
|-----------|---|------|---|---|---|---|---------|
| 7         | 6 | 5    | 4 | 3   | 2 | 1 |         |
| ECN NO    |   | REV. |   | DESCRIPTION                                     |   |   | CHANGER |
| CY11-6409 |   | E    |   | ADD NOTE ABOUT WIRE CHART & WIRE HOLDER IN BOM. |   |   | JLIU13  |
|           |   |      |   |   |   |   |         |




| P/N       | L&TOL.(mm) | CABLE | DESCRIPTION                 |
|-----------|------------|-------|-----------------------------|
| 687860004 | 100±10     | 34AWG | HDMI A-D CABLE ASSEMBLY BLK |
| 687860005 | 200±10     | 34AWG | HDMI A-D CABLE ASSEMBLY BLK |

| <b>ENTER DESCRIPTION</b><br>EC NO: DG2011-0404<br>DRWN:FZHANG01 2011/04/19<br>CHKD:JLIU13 2011/04/19<br>APPR:ZXDENG 2011/04/20<br>REV DESCRIPTION | <b>QUALITY SYMBOLS</b><br>=0<br>=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b><br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>± ---</td> </tr> </tbody> </table> |  | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.25 | ± --- | 1 PLACE | ± 0.5 | ± --- | <b>DIMENSION STYLE</b><br>MM ONLY<br>DRAWN BY: FZHANG01<br>DATE: 2010/02/22<br>CHECKED BY: ARTHUR<br>DATE: 2010/02/22<br>APPROVED BY: BLAU<br>DATE: 2010/02/23<br>MATERIAL NO. | <b>SCALE</b><br>---<br><b>DESIGN UNITS</b><br>METRIC<br><b>THIRD ANGLE PROJECTION</b> | <b>TITLE</b><br>HDMI TYPE A TO TYPE D<br>CABLE ASSEMBLY |
|---|------------------------------------|--|--|----|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|--|---|---|
|   |                                    | mm   | INCH   |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |
|   | 4 PLACES                           | ± ---  | ± ---  |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |
|   | 3 PLACES                           | ± ---  | ± ---  |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |
| 2 PLACES  | ± 0.25                             | ± ---  |  |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |
| 1 PLACE   | ± 0.5                              | ± ---  |  |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |                                    | <b>SEE TABLE</b>   | <b>MOLEX INCORPORATED</b><br>DOCUMENT NO. SD-68786-002<br>SHEET NO. 1 OF 2 |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |
|   |                                    | SIZE: A4<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION  |  |    |      |          |       |       |          |       |       |          |        |       |         |       |       |  |   |   |





| P1     | FUNCTION        | P2     | WIRE COLOR |
|--------|-----------------|--------|------------|
| Pin 1  | HOT PLUG DETECT | Pin 19 | ORANGE     |
| Pin 2  | UTILITY         | Pin14  | BROWN      |
| Pin 3  | TMDS DATA2+     | Pin 1  | WHITE      |
| Pin 4  | TMDS DATA2 GND  | Pin 2  | DRAIN WIRE |
| Pin 5  | TMDS DATA2-     | Pin 3  | RED        |
| Pin 6  | TMDS DATA1+     | Pin 4  | WHITE      |
| Pin 7  | TMDS DATA1 GND  | Pin 5  | DRAIN WIRE |
| Pin 8  | TMDS DATA1-     | Pin 6  | GREEN      |
| Pin 9  | TMDS DATA0+     | Pin 7  | WHITE      |
| Pin 10 | TMDS DATA0 GND  | Pin 8  | DRAIN WIRE |
| Pin 11 | TMDS DATA0-     | Pin 9  | BROWN      |
| Pin 12 | TMDS COLOK+     | Pin 10 | WHITE      |
| Pin 13 | TMDS COLOK GND  | Pin 11 | DRAIN WIRE |
| Pin 14 | TMDS COLOK-     | Pin 12 | BLUE       |
| Pin 15 | CEC             | Pin 13 | RED        |
| Pin 16 | DDC/CEC GND     | Pin 17 | YELLOW     |
| Pin 17 | SCL             | Pin 15 | GREEN      |
| Pin 18 | SDA             | Pin 16 | BLUE       |
| Pin 19 | +5V POWER       | Pin 18 | WHITE      |
| SHELL  |                 | SHELL  | BRAID      |

NOTES:

1. P1 & P2 SIDE INNERMOLD WITH PE RESIN.  
P2 & P2 SIDE OUTERMOLD WITH PVC RESIN.
2. ELECTRICAL PERFORMANCE REFER TO HDMI SPEC CAT2
3. THIS PRODUCT MUST MEET PS-40000-5016 COMPLIANCE.

 Note: TMDS drain wire can be short.

| ITEM | DESCRIPTION                      | QTY. |
|------|----------------------------------|------|
| F    | WIRE HOLDER                      | 1    |
| E    | HDMI A TYPE CONNECTOR            | 1    |
| D    | LOCTITE 416 GLUE                 | AS   |
| C    | 34AWG*4P+34AWG*1P+34AWG*5C 3.7MM | AS   |
| B    | COPPER FOIL                      | 2    |
| A    | MICRO HDMI CONNECTOR             | 1    |

| ENTER DESCRIPTION<br>EC NO: DG2011-0404<br>DRWN:FZHANG01 2011/04/19<br>CHKD:JLUI13 2011/04/19<br>APPR:ZXDENG 2011/04/20 | DESCRIPTION<br>REV                                   | QUALITY SYMBOLS    | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>± ---</td> </tr> </tbody> </table> ANGULAR ± 1 ° |                              | mm    | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.25 | ± --- | 1 PLACE | ± 0.5 | ± --- | DIMENSION STYLE<br>MM ONLY | SCALE<br>---- | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |
|---|--|--------------------|---|------------------------------|-------|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|----------------------------|---------------|------------------------|--|
|   |  |                    |   | mm                           | INCH  |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|   |  | 4 PLACES           |   | ± ---                        | ± --- |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|   |  | 3 PLACES           |   | ± ---                        | ± --- |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|   |  | 2 PLACES           |   | ± 0.25                       | ± --- |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
| 1 PLACE   | ± 0.5  | ± ---              |   |                              |       |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|  =0                                  | DRAWN BY<br>FZHANG01                                 | DATE<br>2010/02/22 | TITLE<br>HDMI TYPE A TO TYPE D CABLE ASSEMBLY   |                              |       |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|  =0                                  | CHECKED BY<br>ARTHUR                                 | DATE<br>2010/02/22 | MOLEX INCORPORATED  |                              |       |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|   | APPROVED BY<br>BLAU                                  | DATE<br>2010/02/23 | MATERIAL NO.<br>SEE TABLE   | DOCUMENT NO.<br>SD-68786-002 |       |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |
|   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                    | SIZE<br> 4   | SHEET NO.<br>2 OF 2          |       |      |          |       |       |          |       |       |          |        |       |         |       |       |                            |               |                        |  |