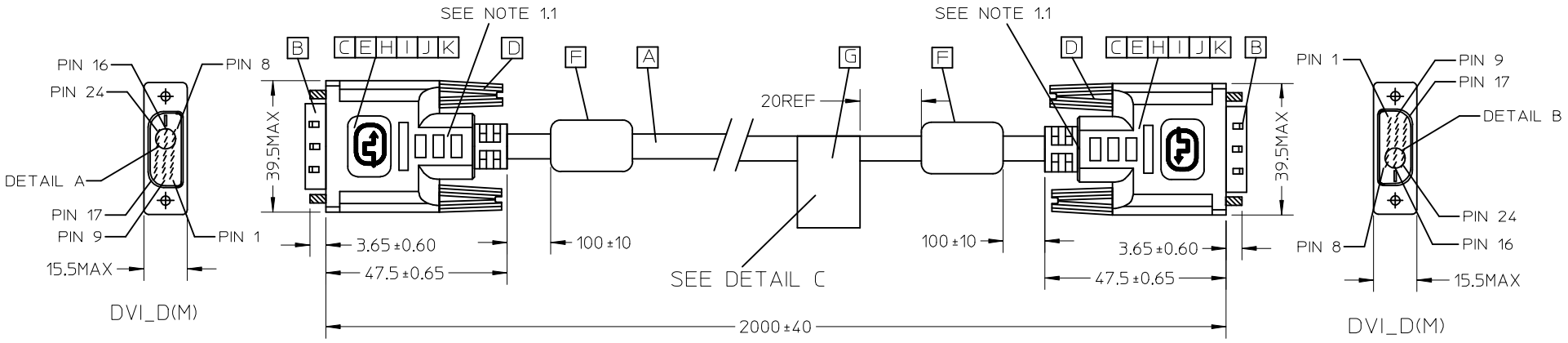
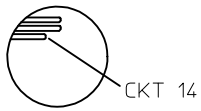
| REVISIONS | | | | |
|---|---|---|---|---|
| ECN NO | REVISION | DATE | DESCRIPTION | CHANGER |
| CY13-6164 | I | MAR.01.13 | CHANGE RAW CABLE SUPPLIER FROM HANSTER TO DERAN | TLIN |
| | | | | |

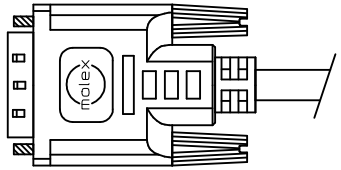



DVI_D(M)

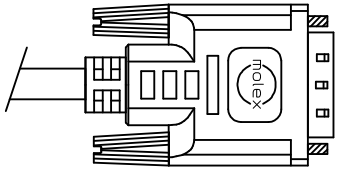
DVI_D(M)



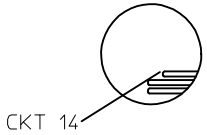

DETAIL A




BACK SIDE
SEE:E-68765-021-ST




BACK SIDE




DETAIL B

| DD200DL-BK | DD200DL-BK |
|---|---|

DETAIL C

ENTER DESCRIPTION
EC NO: CPG2013-2960 2013/03/27
DRWN:XJGU001 2013/03/27
CH'KD:TLIN 2013/04/01
APPR:XAWANG
DESCRIPTION
REV

QUALITY SYMBOLS
FA=0
FC=0
FP=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| 0 PLACE | ± --- | ± --- |

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE:
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: XJGU001 DATE: 2013/03/27
CHECKED BY: TEDDY DATE: 2013/03/27
APPROVED BY: DATE:

TITLE: DVI-D(M) TO DVI-D(M) D/L 2M CABLE ASSY W/2F

molex

MATERIAL NO.: 687650005
DOCUMENT NO.: SD-68765-0005
SHEET NO.: 1 OF 2

SIZE A4

WIRING DIAGRAM:

| SHIELD | SHIELD | GROUND | GROUND |
|---|---|---|---|
| PIN 24 | PIN 24 | WHITE | TMDS CLOCK- |
| PIN 23 | PIN 23 | BROWN | TMDS CLOCK+ |
| PIN 22 | PIN 22 | TMDS CLOCK DRAIN | TMDS CLOCK SHIELD |
| PIN 21 | PIN 21 | ORANGE | TMDS DATA 5+ |
| PIN 20 | PIN 20 | PINK | TMDS DATA 5- |
| PIN 19 | PIN 19 | TMDS DATA 0/5 DRAIN | TMDS DATA 0/5 SHIELD |
| PIN 18 | PIN 18 | BLUE | TMDS DATA 0+ |
| PIN 17 | PIN 17 | WHITE | TMDS DATA 0- |
| PIN 16 | PIN 16 | WHITE | HOT PLUG DETECT |
| PIN 15 | PIN 15 | ORANGE | GROUND(+5V & HV SYNC) |
| PIN 14 | PIN 14 | YELLOW | POWER +5V |
| PIN 13 | PIN 13 | BLACK | TMDS DATA 3+ |
| PIN 12 | PIN 12 | GREY | TMDS DATA 3- |
| PIN 11 | PIN 11 | TMDS DATA 1/3 DRAIN | TMDS DATA 1/3 SHIELD |
| PIN 10 | PIN 10 | GREEN | TMDS DATA 1+ |
| PIN 9 | PIN 9 | WHITE | TMDS DATA 1- |
| PIN 7 | PIN 7 | RED | DDC DATA |
| PIN 6 | PIN 6 | VIOLET | DDC CLOCK |
| PIN 5 | PIN 5 | VIOLET | TMDS DATA 4+ |
| PIN 4 | PIN 4 | LIGHT BLUE | TMDS DATA 4- |
| PIN 3 | PIN 3 | TMDS DATA 2/4 DRAIN | TMDS DATA 2 /4 SHIELD |
| PIN 2 | PIN 2 | RED | TMDS DATA 2+ |
| PIN 1 | PIN 1 | WHITE | TMDS DATA 2- |
| DVI_D | DVI_D | COLOR | CABLE FUNCTION |

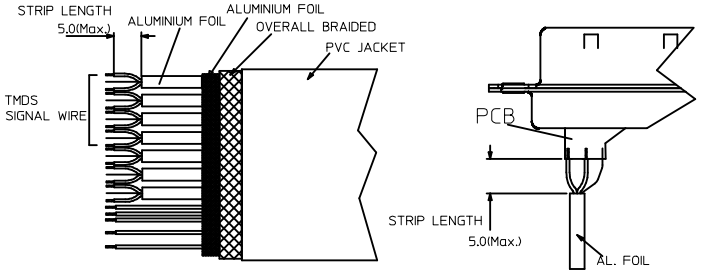



ILLUSTRATION OF STRIP LENGTH

NOTE:

1. OVERMOLD SPECIFICATION:
   1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN, UL94V-0.
   1.2 FERRITE MOLDED WITH BLACK PVC RESIN , UL94V-0.
   1.3 INNER MOLD: HOT MELT GLUE.
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. DVI CONNECTOR SPECIFICATION:
   3.1 REFER TO PRODUCT SPEC. PS74320-001.
   3.2 CONTACT PLATING: AU FLASH.
4. SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE.
5. ALL MATERIAL MUST MEET MX ROHS STANDARD
6. FERRITE SPECIFICATION:
   6.1 DIMENSION:17.5x28.5x9.5
   6.2 IMPEDANCE:Z(ohm) 100MHZ 180MIN; 25MHZ 100 MIN.
7. CABLE CONSTRUCTION):
   ( 30AWG*1P + D + FAM ) * 7P + 30AWG * 1P + 28AWG * 3C + AM + B, OD6.3mm.
   CABLE MARKING: E74020-C AWM STYLE 20276 80°C 30V VW-1 DVI DIGITAL DUAL LINK MOLEX
8. PCB TYPE NAME OF RAYBEN:RB-06,UL NO:E173761,RATING: 94V-0
9. INSULATION RESISTANCE :400V DC, 20M Ohm.

MATERIAL LIST:

| ITEM | DESCRIPTION | L | QTY. |
|---|---|---|---|
| K | HOT SHRINK TUBE | 30(Ref.) | 10 |
| J | INSULATION TAPE | 55(Ref.) | 2 |
| I | TC TUBE | 8(Ref.) | 14 |
| H | COPPER FOIL TAPE(35X8MM) | | 2 |
| G | CABLE LABEL | | 1 |
| F | FERRITE | | 2 |
| E | PCB | | 2 |
| D | DVI THUMB SCREW | | 4 |
| C | ONE BODY CAN | | 2 |
| B | DVI_D DUAL CHANNEL G/F CONNECTOR | | 2 |
| A | DVI D/L CABLE 30awg OD=6.3MM BLACK | 1980(REF.) | 1 |

ENTER DESCRIPTION
EC NO: CPG2013-2960 2013/03/27
DRWN:XJGU001 2013/03/27
CH'KD:TLIN 2013/04/01
APPR:XAWANG
DESCRIPTION
REV

QUALITY SYMBOLS
FA=0
FC=0
FP=1

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| 0 PLACE | ± --- | ± --- |

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: XJGU001 DATE: 2013/03/27
CHECKED BY: TEDDY DATE: 2013/03/27
APPROVED BY: DATE:

TITLE: DVI-D(M) TO DVI-D(M) D/L 2M CABLE ASSY W/2F

molex

MATERIAL NO.: 687650005
DOCUMENT NO.: SD-68765-0005
SHEET NO.: 2 OF 2
SIZE: A4