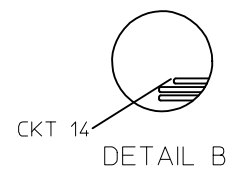
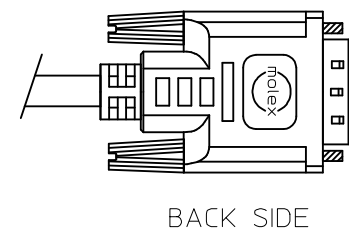
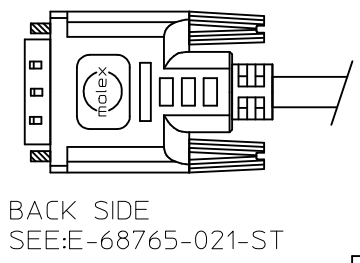
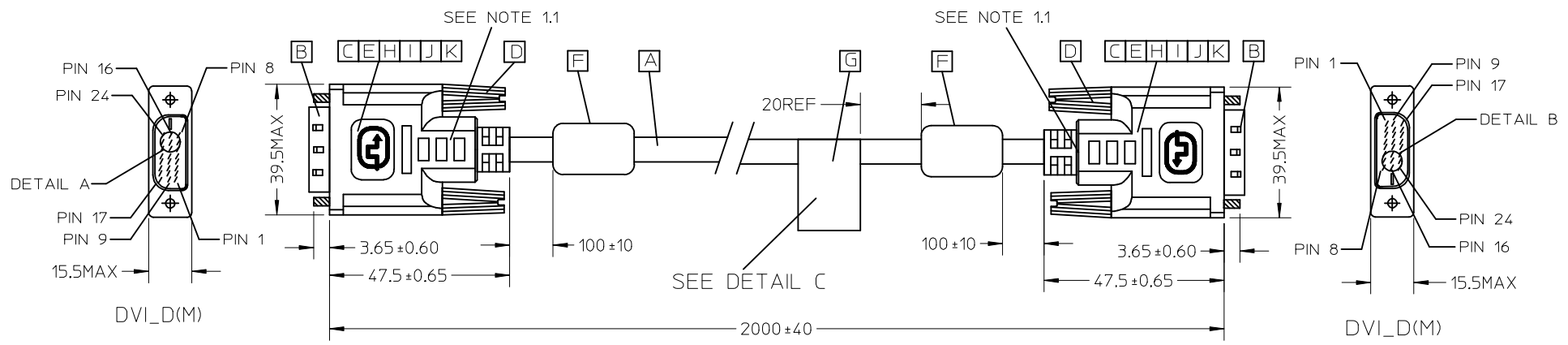


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REVISIONS				
ECN NO	REVISION	DATE	DESCRIPTION	CHANGER
CY13-6164	I	MAR.01.13	CHANGE RAW CABLE SUPPLIER FROM HANSTER TO DERAN	TLIN



DD200DL-BK DD200DL-BK

DETAIL C

ENTER DESCRIPTION EC NO: CPG2013-2960 DRWN: XJGU001 2013/03/27 CHKD: TLIN 2013/03/27 APPR: XAWANG 2013/04/01	QUALITY SYMBOLS FA=0 FB=0 FC=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY	DATE	TITLE DVI-D(M) TO DVI-D(M) D/L 2M CABLE ASSY W/2F		
		4 PLACES ± --- ± ---	XJGU001	2013/03/27				
		3 PLACES ± --- ± ---	CHECKED BY	DATE				
		2 PLACES ± --- ± ---	TEDDY	2013/03/27	MATERIAL NO. 687650005	DOCUMENT NO. SD-68765-0005	SHEET NO. 1 OF 2	
1 PLACE ± --- ± ---	APPROVED BY	DATE						
0 PLACE ± --- ± ---	ANGULAR ± --- °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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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

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	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

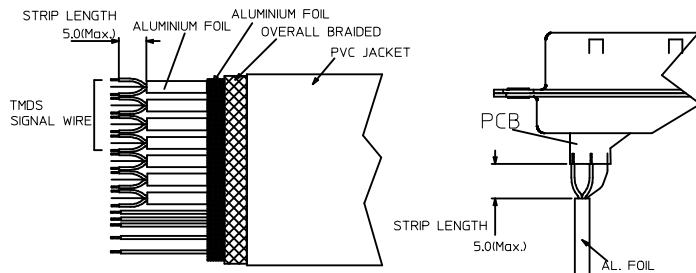


ILLUSTRATION OF STRIP LENGTH

ENTER DESCRIPTION EC NO: CPG2013-2960 DRW: XJGU001 CHKD: TLIN APPR: XAWANG	QUALITY SYMBOLS F=0 F=0 F=1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY XJGU001	DATE 2013/03/27	TITLE DVI-D(M) TO DVI-D(M) D/L 2M CABLE ASSY W/2F				
DESCRIPTION REV		4 PLACES	± ---	± ---	CHECKED BY TEDDY	DATE 2013/03/27				
		3 PLACES	± ---	± ---	APPROVED BY	DATE				
		2 PLACES	± ---	± ---	MATERIAL NO. 687650005	DOCUMENT NO. SD-68765-0005				SHEET NO. 2 OF 2
		1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		0 PLACE	± ---	± ---						

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