



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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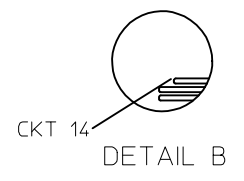
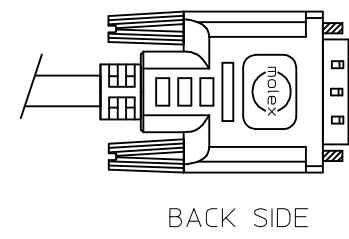
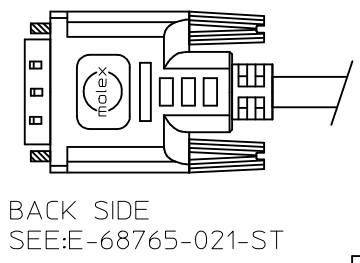
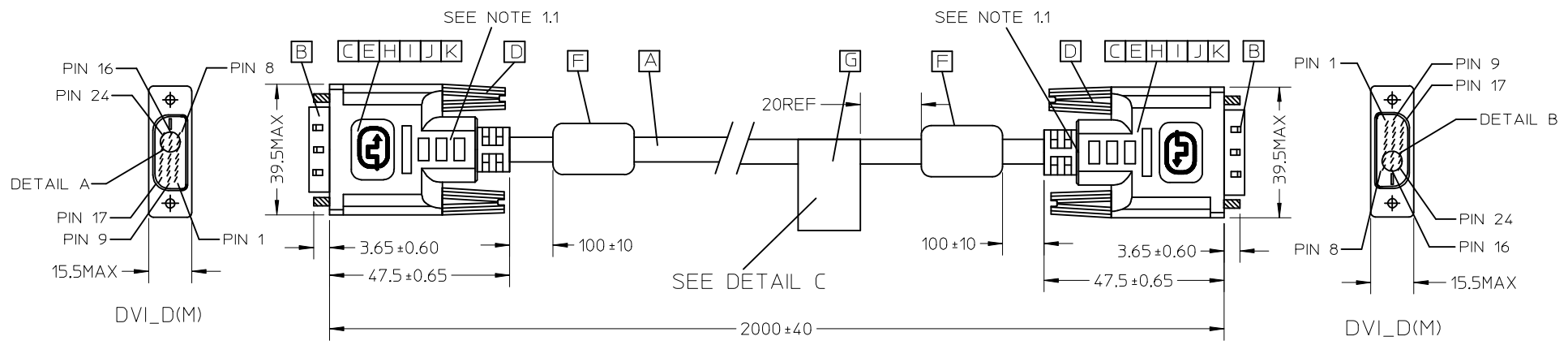
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REVISIONS				
ECN NO	REVISION	DATE	DESCRIPTION	CHANGER
CY13-6164	I	MAR.01.13	CHANGE RAW CABLE SUPPLIER FROM HANSTER TO DERAN	TLIN



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 XJGU001	DATE 2013/03/27	TITLE DVI-D(M) TO DVI-D(M) D/L 2M CABLE ASSY W/2F			
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	CHECKED BY TEDDY	DATE 2013/03/27	molex			
		ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY (Signature)	DATE				
			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

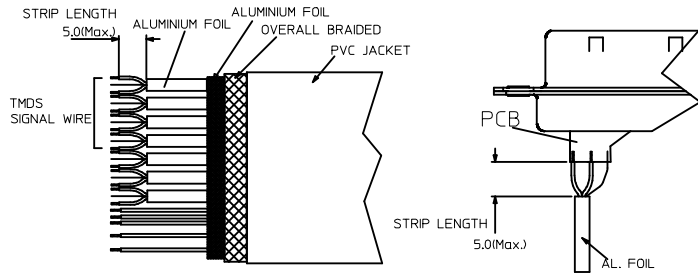


ILLUSTRATION OF STRIP LENGTH

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				4 PLACES	± ---	± ---	CHECKED BY TEDDY	DATE 2013/03/27			
				3 PLACES	± ---	± ---	APPROVED BY	DATE			
		2 PLACES	± ---	± ---			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	± ---	± ---							
		ANGULAR ± ---°									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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