



CXXX
 WEEK NO. FOR YEAR.
 YEAR NO.
 C FOR MOLEX CHINA
 DETAIL C

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: DG2006-0159 DRWN:PDAI CHKD: APPR:KAN 2006/01/16 2006/01/16 2006/01/18	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN	---	METRIC		
		4 PLACES	±---	±---	DRAWN BY	DATE	TITLE	
		3 PLACES	±---	±---	PDAI	2006/01/11	DVI_D DUAL LINK CABLE	
2 PLACES	±---	±---	CHECKED BY	DATE	MOLEX INCORPORATED MATERIAL NO. SEE TABLE DOCUMENT NO. SD-88741-002			
1 PLACE	±---	±---	ZXDENG	2006/01/11				
ANGULAR ±---°		APPROVED BY		DATE	SHEET NO. 1 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		BORON		2006/01/11				
SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

ib_frame_A4_P_ME_T
 Rev. D 2004/04/02

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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 89-11IN 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: 500VDC FOR 10mS.
- 3.2 INSULATION RESISTANCE: 50 MEGA Ohms
- 3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100 ± 7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS74320-000L
- 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: DG2006-0159 DRW: PDAI CHYD: 2006/01/16 APPR: KAN 2006/01/18	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY PDAI	DATE 2006/01/11	DVI_D DUAL LINK CABLE			
			4 PLACES	±---	±---	CHECKED BY ZXDENG	DATE 2006/01/11				
			3 PLACES	±---	±---	APPROVED BY BORON	DATE 2006/01/11	MOLEX INCORPORATED MATERIAL NO. SEE TABLE DOCUMENT NO. SD-88741-002 SHEET NO. 2 OF 2			
2 PLACES	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
1 PLACE	±---	±---	ANGULAR ±---°		SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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