



ENTER DESCRIPTION EC NO: DG2006-0186 DRWN: PDAI CHKD: APPR: TKAN	2006/03/09 2006/03/09 2006/03/10	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				mm	INCH	MM/IN	---	METRIC	
			4 PLACES	±---	±---	DRAWN BY	DATE	TITLE	
			3 PLACES	±---	±---	PDAI	2006/03/07	DVI_A(F)-VGA(M) ADAPTER	
	2 PLACES	±---	±---	CHECKED BY	DATE				
	1 PLACE	±---	±---	ZXDENG	2006/03/07				
	ANGULAR ±---°		APPROVED BY		DATE	MOLEX MOLEX INCORPORATED			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		BORON		2006/03/07	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			88741-9100			88741-9100	SD-88741-012	1 OF 2	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

NOTE: 1. ADAPTOR COVER MATERIAL

- 1.1 UL GRADE ABS
- 1.2 COLOR: PANTONE 661C
- 2. DVI CONNCTOR SPECIFICATION
  - 2.1 REFER TO PRODUCT SPEC. PS74320-0001.
  - 2.2 CONTACT PLATING: AU FLASH.
- 3. ELECTRICAL PERFORMANCE
  - 3.1 INSULATION RESISANCE: 20 M Ohms Min
  - 3.2 DIELECTRIC STRENGTH: 300V DC FOR 10 MILLISECONDS.
  - 3.3 IMPEDANCE: 75 ± 10% Ohms ON THE CO-AXIAL WIRES.
- 4. ADAPTOR SPECIFICATION
  - 4.1 REFER TO PRODUCT SPEC. PS88741-8700.
- 5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6. CONNECTION DIAGRAM

SHIELD	SHIELD	GROUND
C 5	PIN R6,G7,B8	ANLOG GROUND
C 4	PIN 13	HORIZONTAL SYNC
C 3	PIN 3	ANLOG
C 2	PIN 2	ANLOG
C 1	PIN 1	ANLOG
PIN 15	PIN 5,10	GROUND(+5V & HV SYNC)
PIN 14,16	PIN 9	POWER +5V/HOT PLUG DETECT
PIN 8	PIN 14	VERTICAL SYNC
PIN 7	PIN 12	DDC DATA
PIN 6	PIN 15	DDC CLOCK
DVI-A(F)	VGA(M)	CABLE FUNCTION

7. MATERIAL LIST

ITEM	DESCRIPTION
F	ADAPTER SCREW 887806008
E	VGA D-SUB CONNECTOR
D	DVI_A FEMALE SCREW 887806066 887899320
C	DVI_A FEMALE CONNECTOR 743206001
B	DVI_A(F) TO VGA(M) ADAPTER BOTTOM COVER 887899313
A	DVI_A(F) TO VGA(M) ADAPTER TOP COVER 887899300

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