



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

MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
88741-8321	DVI_A-VGA CABLE ASS'Y 5M PARCHMENT WHT	5000 ± 150 196.9 ± 5.9	PARCHMENT WHITE	887808286
88741-8311	DVI_A-VGA CABLE ASS'Y 3M PARCHMENT WHT	3000 ± 80 118.1 ± 3.1	PARCHMENT WHITE	887808286
88741-8301	DVI_A-VGA CABLE ASS'Y 2M PARCHMENT WHT	2000 ± 60 78.7 ± 2.4	PARCHMENT WHITE	887808286
88741-8320	DVI_A-VGA CABLE ASS'Y 5M BLK	5000 ± 150 196.9 ± 5.9	BLACK	887808277
88741-8310	DVI_A-VGA CABLE ASS'Y 3M BLK	3000 ± 80 118.1 ± 3.1	BLACK	887808277
88741-8300	DVI_A-VGA CABLE ASS'Y 2M BLK	2000 ± 60 78.7 ± 2.4	BLACK	887808277

ENTER DESCRIPTION EC NO: DG2006-0186 DRWNGPDAI CHYKD: APPR: KAN 2006/03/09 2006/03/09 2006/03/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
		<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table>			mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	DRAWN BY PDAI	DATE 2006/03/07	TITLE DVI_A-VGA CABLE		
			mm	INCH																			
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY ZXDENG	DATE 2006/03/07	APPROVED BY BORON																			
MATERIAL NO. SEE TABLE		DATE 2006/03/07		MOLEX INCORPORATED			SHEET NO. 1 OF 2																

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 Rev. D 2004/04/02

7 | 6 | 5 | 4 | 3 | 2 | 1

NOTE: I. OVERMOLD SPECIFICATION FOR DVI

- I.1 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN P/N IS 887800076.
 - I.2 UL94V-0, COLOR: MAD432
 - I.3 HARDNESS (DUROMETER): SHORE A 90-95
- FOR VGA**
- I.4 VGA MOLDED WITH PVC BLUE RESIN 887800145.
 - I.4.1 UL94V-0, COLOR: PANTUNE 661C

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 I.

3. CABLE ELECTRICAL SPECIFICATION

- 3.1 DIELECTRIC STRENGTH: 300VDC FOR 10mS
- 3.2 SIGNAL LINE INSULATION RESISTANCE: 20 MEGA Ohms
- 3.3 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75±7.5 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS74320-0001.
 - 4.2 CONTACT PLATING: AU FLASH.
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	VGA	CABLE FUNCTION

7. MATERIAL LIST

ITEM	DESCRIPTION
E	VGA D-SUB CONNECTOR 887899320
D	VGA D-SUB THUMBSCREW 887806026
C	DVI THUMB SCREW 887806005
B	DVI_A G/F CONNECTOR 743230011
A	DVI ANALOG CABLE(SEE TABLE)

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			▽=0 ▽=0	mm	INCH	MM/IN	---	METRIC	DVI_A-VGA CABLE
				DRAWN BY		DATE	TITLE		
			J	REV	DESCRIPTION	4 PLACES	±---	±---	PDAI
			3 PLACES	±---	±---	CHECKED BY	DATE	DOCUMENT NO. SD-88741-004	
			2 PLACES	±---	±---	ZXDENG	2006/03/07	SHEET NO. 2 OF 2	
			1 PLACE	±---	±---	APPROVED BY	DATE	SIZE A4	
			ANGULAR ±---°		BORON		2006/03/07	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				

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