



68802-0016	DVI Cable- DVI-A(M) to VGA(M)-Analog L=10ft Black	3048 ± 80 120 ± 31	BLACK	887808277	887809056
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N	VGA MTEAL CAN

EC NO: DG2006-0096 DRWN:PDAI CHYD: 2005/10/19 APPR:KAN 2005/10/20 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY ZXDENG	DATE 2005/10/19	MOLEX INCORPORATED																				
		MATERIAL NO. 68802-0016	DOCUMENT NO. SD-68802-016	SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

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

NOTE: 1. OVERMOLD SPECIFICATION:

- 1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN 887800076E~UL94V-0.
- 1.2 VGA OVERMOLDED WITH PVC BLUE RESIN 887800145.

VGA INNERMOLDED WITH PE RESIN 887800008

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. PS-74320-001.
- 3.2 CONTACT PLATING: AU FLASH.
- 4. THE CODE PLEASE BE PRINTED ON THE SPACE.
- 5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

PIN ASSIGNMENT:

SHIELD	SHIELD	OUT RETIDE	GROUND
C 5	PIN R6,G7,B8	RED,GRN,BLE	ANLOG GROUND
C 4	PIN 13	WHITE	HORIZONTAL SYNC
C 3	PIN 3	BLUE	ANLOG
C 2	PIN 2	GREEN	ANLOG
C 1	PIN 1	RED	ANLOG
PIN 15	PIN 5,10	ORANGE	GROUND(+5V & HV SYNC)
PIN 14,16	PIN 9	YEL/BRN	POWER +5V/HOT PLUG DETECT
PIN 8	PIN 14	RED	VERTICAL SYNC
PIN 7	PIN 12	GREEN	DDC DATA
PIN 6	PIN 15	BLACK	DDC CLOCK
DVI_A	VGA	COLOR	CABLE FUNCTION

MATERIAL LIST:

ITEM	DESCRIPTION	L	QTY.
H	VGA METAL CAN 887809056		
G	VGA D-SUB CONNECTOR 887899320		1
F	VGA D-SUB THUMB SCREW 887806026		2
E	DVI SCREW THUMB 887806005		2
D	COPPER FOIL 887801082		2
C	DVI CAN 887899392		1
B	DVI_A G/F CONNECTOR 743230011		1
A	DVI ANALOG CABLE (SEE TABLE)	3048(REF.)	1

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Rev. D 2004/04/02

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