



68803-0004	HDMI TO DVI-D(M) CABLE ASS'Y,16.4FT	4999 ± 100	BLACK	7.3MM(TMD5 - AWG#28)	887808276
68803-0003	HDMI TO DVI-D(M) CABLE ASS'Y,10FT	3048 ± 80	BLACK	7.3MM(TMD5 - AWG#28)	887808276
68803-0002	HDMI TO DVI-D(M) CABLE ASS'Y,6.6FT	2012 ± 60	BLACK	7.3MM(TMD5 - AWG#28)	887808276
68803-0001	HDMI TO DVI-D(M) CABLE ASS'Y,3.3FT	1006 ± 30	BLACK	7.3MM(TMD5 - AWG#28)	887808276
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0075 DRWN: JFZHENG 2005/10/17 CHKD: JFZHENG 2005/10/19 APPR: DQLUO 2005/10/20 REV		DESCRIPTION	QUALITY SYMBOLS ▽=0 □=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
					mm	INCH	DRAWN BY JFZHENG		DATE 2005/10/11		TITLE DVI_D(M) TO HDMI(M) CABLE ASS'Y				
				4 PLACES	± ---	± ---	CHECKED BY JFZHENG		DATE 2005/10/11						
				3 PLACES	± ---	± ---	APPROVED BY DQLUO		DATE 2005/10/11						
				2 PLACES	± ---	± ---	MOLEX INCORPORATED								
				1 PLACE	± ---	± ---	ANGULAR ±1/2°		DOCUMENT NO. SD-68803-001		SHEET NO. 1 OF 2				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. 68803-0001/0002/0003/0004		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
				SIZE A4											

- NOTE:
- 1. OVERMOLD SPECIFICATION:
 - 1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN 887800076E~UL94V-0.
 - 1.2 HDMI INNER MOLDED WITH PVC RESIN 887800019.
 - HDMI OUTER MOLDED WITH PVC RESIN 887800150.
 - 1.3 DUST COVER MOLDED WITH PE 887800008.
 - 2. MECHANICAL SPECIFICATIONE8
 - 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:
 - 4.1 REFER TO PRODUCT SPEC. PS74320-001.
 - 4.2 CONTACT PLATING: AU FLASH.
 - 4. CABLE CONSTRUCTION:
 - a.(AWG#28*1P+D)*4 + AWG#28*1P + AWG#28*3C, 7.3MMOD
 - "MOLEX" MUST BE IN CABLE MARKING.
 - 5. MATERIAL MUST MEET MX ROHS STANDARD.

SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 16	WHITE	HOT PLUG DETECT
PIN 18	PIN 14	YELLOW	POWER +5V
PIN 17	PIN 15	ORANGE	GROUND(+5V&DDC)
PIN 16	PIN 7	RED	DDC DATA(SDA)
PIN 15	PIN 6	VIOLET	DDC CLOCK(SCL)
PIN 12	PIN 24	WHITE	TMDS CLOCK-
PIN 11	PIN 22	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 23	BROWN	TMDS CLOCK+
PIN 9	PIN 17	WHITE	TMDS DATA 0-
PIN 8	PIN 19	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 18	BLUE	TMDS DATA 0+
PIN 6	PIN 9	WHITE	TMDS DATA 1-
PIN 5	PIN 11	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 10	GREEN	TMDS DATA 1+
PIN 3	PIN 1	WHITE	TMDS DATA 2-
PIN 2	PIN 3	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 2	RED	TMDS DATA 2+
HDMI	DVI-D	COLOR	CABLE FUNCTION

H	SMALL METAL PLATE 471526009	1
G	HDMI METAL CAN NI PLATED 471524001	1
F	HDMI WHITE HOUSING ASSY' 471521100	1
E	DVI THUMB SCREW 887806077	2
D	PCB 887899569/887899570	1
C	ONE BODY CAN 887899392	1
B	DVI_D SINGLE CHANNEL G/F CONNECTOR 743230101	1
A	DVI SINGLE LINK CABLE RFQ: 887808276	1
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: DG2006-0075 DRWN:JFZHENG 2005/10/17 CHKD:JFZHENG 2005/10/19 APPR:DQLUO 2005/10/20 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JFZHENG	DATE 2005/10/11	TITLE DVI_D(M) TO HDMI(M) CABLE ASS'Y			
		4 PLACES	± ---	± ---	CHECKED BY	DATE				
		3 PLACES	± ---	± ---	JFZHENG	2005/10/11	MOLEX INCORPORATED			
		2 PLACES	± ---	± ---	APPROVED BY	DATE				
1 PLACE	± ---	± ---	DQLUO	2005/10/11	MATERIAL NO. 68803-0001/0002/0003/0004 DOCUMENT NO. SD-68803-001 SHEET NO. 2 OF 2					
ANGULAR ±1/2°										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					