



88768-9930	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	6.0MM(TMDS-AWG#30)	887808583
88768-9920	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	6.0MM(TMDS-AWG#30)	887808583
88768-9910	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	6.0MM(TMDS-AWG#30)	887808583
88768-9900	HDMI TO HDMI CABLE ASS'Y,1M	1000 ± 30	BLACK	6.0MM(TMDS-AWG#30)	887808583
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0144 T1 DRWN: JFZHENG 2005/12/27 CHKD: 2005/12/30 APPR: DQLUO 2006/01/16	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE <b>AWG30 HDMI TO HDMI CABLE ASS'Y</b>		
		4 PLACES	± ---	± ---	JFZHENG	2005/12/26			
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
		2 PLACES	± ---	± ---	JFZHENG	2005/12/26			
1 PLACE	± ---	± ---	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± ---°		ENTER PART		SD-887689910	1 OF 00		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

NOTE:  
 1. OVMEMROLD SPECIFICATION:  
 1.1 HDMI INNERMOLD WITH BK PVC 887800019  
 1.2 HDMI OVERMOLD WITH PVC 887800150  
 2. MECHANICAL SPECIFICATION:  
 CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.  
 3. PRODUCT ELECTRICAL SPECIFICATION  
 3.1 DIELECTRIC STRENGTH.  
 3.2 INSULATION RESISTANCE.  
 3.3 CONDUCTIVE RESISTANCE.  
 3.4 TMDS Signals Time Domain Impedence  
 3.5 TMDS Signals Time Domain Crosstalk:FEXT  
 3.6 TMDS Signals Skew  
 3.7 Attenuation

REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.

4.CABLE CONSTRUCTION  
 '(AWG#30\*1P+D)\*4 + AWG#30\*1P + AWG#28\*5C, 6.0MMOD'  
 5. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

WIRE DIAGRAM:

SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 19	PINK	HOT PLUG DETECT
PIN 18	PIN 18	ORANGE	+5V POWER
PIN 17	PIN 17	YELLOW	DDC/CEC GROUND
PIN 16	PIN 16	WHITE	SDA
PIN 15	PIN 15	RED	SCL
PIN 14	PIN 14	VIOLET	RESERVED
PIN 13	PIN 13	GRAY	CEC
PIN 12	PIN 12	WHITE	TMDS CLOCK-
PIN 11	PIN 11	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 10	WHITE/BLACK	TMDS CLOCK+
PIN 9	PIN 9	WHITE	TMDS DATA 0-
PIN 8	PIN 8	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 7	WHITE/BLUE	TMDS DATA 0+
PIN 6	PIN 6	WHITE	TMDS DATA 1-
PIN 5	PIN 5	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 4	WHITE/GREEN	TMDS DATA 1+
PIN 3	PIN 3	WHITE	TMDS DATA 2-
PIN 2	PIN 2	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 1	WHITE/RED	TMDS DATA 2+
HDMI	HDMI	COLOR	CABLE FUNCTION

D	HDMI METAL PLATED 47152-6009		2
C	HDMI METAL CAN 47152-4001		2
B	HDMI HOUSING ASSY'47152-1100		2
A	HDMI SINGLE LINK CABLE (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.

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2 PLACES	±---	±---	ANGULAR ±---°		MATERIAL NO. ENTER PART	DOCUMENT NO. SD-887689910	SHEET NO. 2 OF 00		
1 PLACE	±---	±---	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				