



68803-0021	HDMI TO HDMI CABLE ASS'Y,10FT	3048 ± 80	BLACK	6.0MM(TMDS-AWG#30)	172000456
68803-0020	HDMI TO HDMI CABLE ASS'Y,6.6FT	2012 ± 60	BLACK	6.0MM(TMDS-AWG#30)	172000456
68803-0019	HDMI TO HDMI CABLE ASS'Y,3.3FT	1006 ± 30	BLACK	6.0MM(TMDS-AWG#30)	172000456
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0075 DRWN: JFZHENG 2005/10/17 CHKD: 2005/10/19 APPR: DQLUO 2005/10/20	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 2005/10/12	TITLE HDMI(M) TO HDMI(M) CABLE ASS'Y		
		4 PLACES	±---	±---	CHECKED BY JFZHENG	DATE 2005/10/12	MATERIAL NO. 688030019/20/21		
		3 PLACES	±---	±---	APPROVED BY DQLUO	DATE 2005/10/12	DOCUMENT NO. SD-68803-019		SHEET NO. 1 OF 2
2 PLACES	±---	±---	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				
1 PLACE	±---	±---	ANGULAR ±---°						

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

NOTE:

1. OVERMOLD SPECIFICATION:
 - 1.1 HDMI INNER MOLDED WITH PVC RESIN 887800019.
 - HDMI OUTER MOLDED WITH PVC RESIN 887800150.
 - 1.2 DUST COVER MOLDED WITH PE 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. CABLE CONSTRUCTION:

(AWG#30*1P+D)*4 + AWG#30*1P + AWG#28*5C, 6.0MMOD "MOLEX" MUST BE IN CABLE MARKING.
4. MATERIAL MUST MEET MX ROHS STANDARD.

D	HDMI METAL PLATE : 47152-6009	2
C	HDMI METAL CAN GOLD FLASH: 47152-4002	2
B	HDMI HOUSING ASSY' BLACK: 47152-1000	2
A	HDMI SINGLE LINK CABLE 172000456	1
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: DG2006-0075 DRWN: JFZHENG CHKD: APPR: DQLUO	2005/10/17 2005/10/19 2005/10/20	DESCRIPTION 1	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM ONLY	---	METRIC				
				4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE HDMI(M) TO HDMI(M) CABLE ASS'Y MOLEX MOLEX INCORPORATED			
				3 PLACES	± ---	± ---	JFZHENG	2005/10/12				
2 PLACES	± ---	± ---	CHECKED BY	DATE								
1 PLACE	± ---	± ---	JFZHENG	2005/10/12								
			ANGULAR	± ---°	APPROVED BY	DATE						
					DQLUO	2005/10/12						
					MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
					688030019/20/21	SD-68803-019	2 OF 2					
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