

887689830	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	7.3MM(TMS - AWG#28)	172005984
887689820	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	7.3MM(TMS - AWG#28)	172005984
887689810	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	7.3MM(TMS - AWG#28)	172005984
887689800	HDMI TO HDMI CABLE ASS'Y,1M	1000 ± 30	BLACK	7.3MM(TMS - AWG#28)	172005984
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2011-0439 DRWN:FZHANG01 CHKD:JLUI13 APPR:ZXDENG		QUALITY SYMBOLS ▽=0 C=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY FZHANG01		DATE 2011/05/04		TITLE HDMI(M) TO HDMI(M) CABLE ASS'Y			
				4 PLACES	± ---	± ---	CHECKED BY LPNING		DATE 2011/05/04					
				3 PLACES	± ---	± ---	APPROVED BY ZXDENG		DATE 2011/05/11		molex MOLEX INCORPORATED			
				2 PLACES		± ---								
				1 PLACE		± ---								
				ANGULAR ± ---°		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-88768-9830		SHEET NO. 1 OF 2				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOTBE USED WITHOUT WRITTEN PERMISSION						

7

6

5

4

3

2

1

NOTE:**1. OVERMOLD SPECIFICATION:****1.1 HDMI OUTER MOLDED WITH PVC RESIN****HDMI INNER MOLDED WITH PVC RESIN****1.2 DUST COVER MOLDED WITH PE****2. PRODUCT ELECTRICAL SPECIFICATION REFER TO HDMI SPEC.****3. THE CODE PLEASE BE PRINTED ON THE SPACE****4. THIS PRODUCT MUST MEET EU CHEMICAL SUBSTANCE****SPECIFICATION FOR PRODUCTS. (EU 2002/95/EC)****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	BLACK	TMDS CLOCK+
PIN 9	PIN 9	WHITE	TMDS DATA 0-
PIN 8	PIN 8	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 7	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	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	RED	TMDS DATA 2+
HDMI	HDMI	COLOR	CABLE FUNCTION

E	PRE-CUT C.Foil 47X23mm T=25U 172003402		2
D	COPPER FOIL 172000915		2
C	HDMI 19P MALE,30U"Au Solder Type 172004051		2
B	Metal Shell For HDMI 19P Male 172004052		2
A	(4P+1P)X28+5CX28,ALSH,PVC,BK;7.3,UL20276 (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.

ENTER DESCRIPTION EC NO: DG2011-0439 DRAWN:FZHANG01 2011/05/04 CHKD:JL IU13 2011/05/04 APPR:ZXDENG 2011/05/11 G		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY FZHANG01	DATE 2011/05/04	TITLE HDMI(M) TO HDMI(M) CABLE ASS'Y					
						CHECKED BY LPNING	DATE 2011/05/04						
						APPROVED BY ZXDENG	DATE 2011/05/11	MOLEX MOLEX INCORPORATED					
						MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-88768-9830						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6

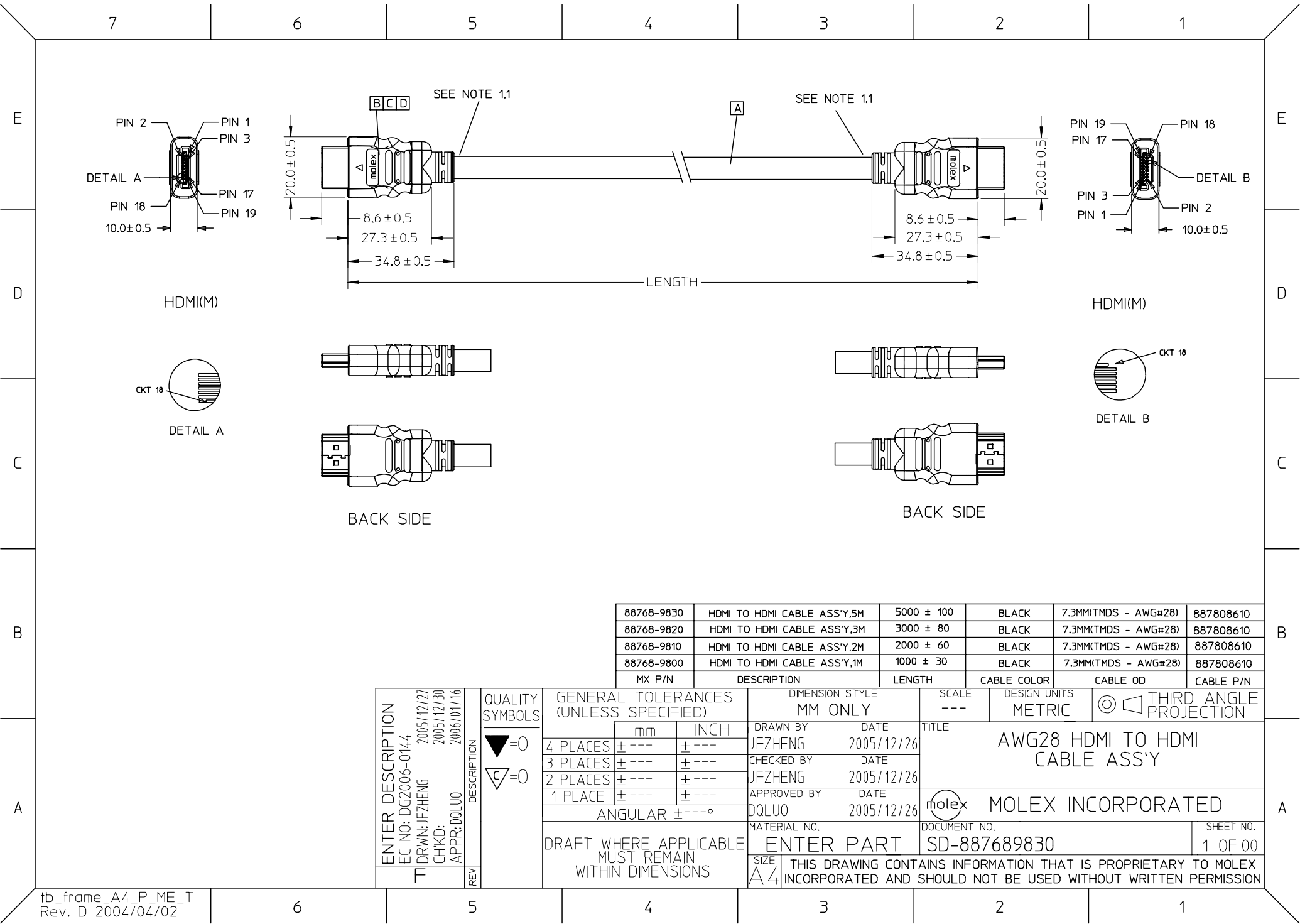
5

4

3

2

1



88768-9830	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9820	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9810	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9800	HDMI TO HDMI CABLE ASS'Y,1M	1000 ± 30	BLACK	7.3MM(TMDS - AWG#28)	887808610
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0144 DRWN: JFZHENG CHKD: APPR: DQLUO		2005/12/27 2005/12/30 2006/01/16	DESCRIPTION	REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
							mm	INCH	DRAWN BY JFZHENG	DATE 2005/12/26	TITLE AWG28 HDMI TO HDMI CABLE ASS'Y						
						4 PLACES	± ---	± ---	CHECKED BY JFZHENG	DATE 2005/12/26							
						3 PLACES	± ---	± ---	APPROVED BY DQLUO		DATE 2005/12/26	MOLEX INCORPORATED					
						2 PLACES	± ---	± ---									
						1 PLACE	± ---	± ---									
			ANGULAR ± ---°			MATERIAL NO. ENTER PART		DOCUMENT NO. SD-887689830		SHEET NO. 1 OF 00							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						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 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#28*1P+D)*4 + AWG#28*1P + AWG#28*5C, 7.3MMOD

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	SMALL METAL PLATE 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.

ENTER DESCRIPTION EC NO: DG2006-0144 DRWN: JFZHENG CHKD: APPR: DQLUO			DESCRIPTION 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 2005/12/26	TITLE AWG28 HDMI TO HDMI CABLE ASS'Y					
					4 PLACES	± ---	± ---	CHECKED BY JFZHENG	DATE 2005/12/26						
					3 PLACES	± ---	± ---	APPROVED BY DQLUO		DATE 2005/12/26	MOLEX INCORPORATED				
					2 PLACES	± ---	± ---								
					1 PLACE	± ---	± ---	MATERIAL NO. ENTER PART				DOCUMENT NO. SD-887689830		SHEET NO. 2 OF 00	
					ANGULAR ± ---°										
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					