



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

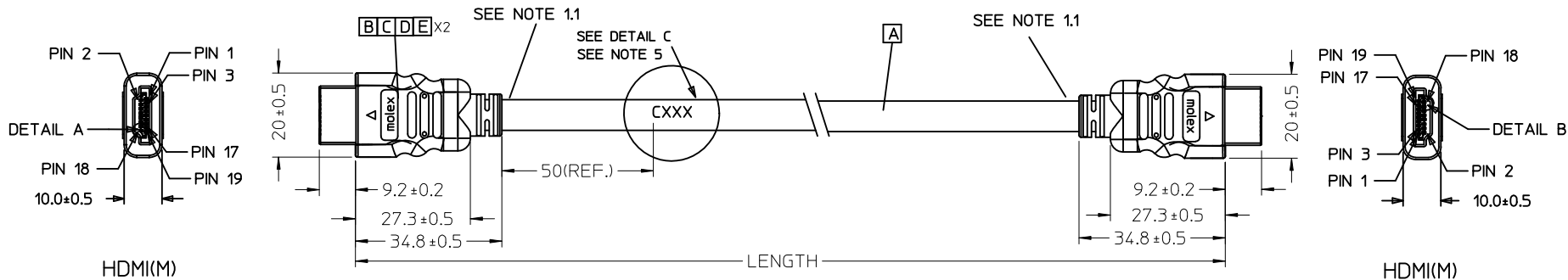
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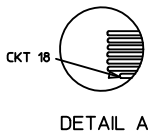


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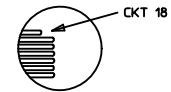


HDMI(M)

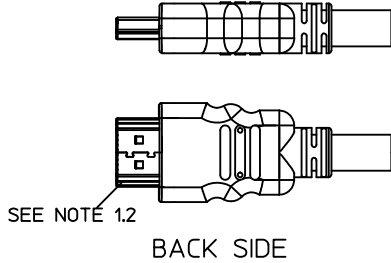
HDMI(M)



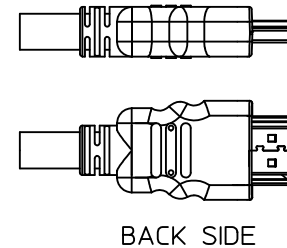
DETAIL A



DETAIL B



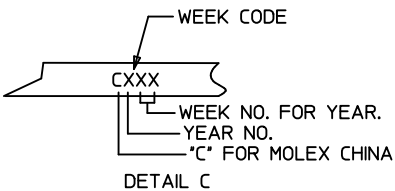
BACK SIDE



BACK SIDE

SEE NOTE 1.2

SEE NOTE 1.2



DETAIL C

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

<b>ENTER DESCRIPTION</b> EC NO: DG2011-0439 DRWN:FZHANG01 CHKD:JLU13 APPR:ZXDENG	2011/05/04 2011/05/04 2011/05/11	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY	DATE	TITLE	
			4 PLACES	± ---	± ---	FZHANG01	2011/05/04	HDMI(M) TO HDMI(M) CABLE ASS'Y	
			3 PLACES	± ---	± ---	CHECKED BY	DATE		
2 PLACES	± ---	± ---	LPNING	2011/05/04					
1 PLACE	± ---	± ---	APPROVED BY	DATE					
			ZXDENG	2011/05/11					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-88768-9820		SHEET NO. 1 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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



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**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.

<b>ENTER DESCRIPTION</b> EC NO: DG2011-0439 DRWN:FZHANG01 2011/05/04 CHKD:JLIU13 2011/05/04 APPR:ZXDENG 2011/05/11 G	<b>DESCRIPTION</b> REV	<b>QUALITY SYMBOLS</b>  =0  =0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> <b>MM ONLY</b>		<b>SCALE</b> ---	<b>DESIGN UNITS</b> <b>METRIC</b>	 <b>THIRD ANGLE PROJECTION</b>	
					4 PLACES ± --- mm    ± --- INCH	DRAWN BY    DATE FZHANG01    2011/05/04	<b>TITLE</b> <b>HDMI(M) TO HDMI(M) CABLE ASS'Y</b>			
					3 PLACES ± --- mm    ± --- INCH	CHECKED BY    DATE LPNING    2011/05/04				
					2 PLACES ± --- mm    ± --- INCH	APPROVED BY    DATE ZXDENG    2011/05/11	 <b>MOLEX INCORPORATED</b>			
					1 PLACE ± --- mm    ± --- INCH	MATERIAL NO.    DOCUMENT NO.    SHEET NO. <b>SEE TABLE</b> SD-88768-9820    2 OF 2				
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>			<b>SIZE</b>  THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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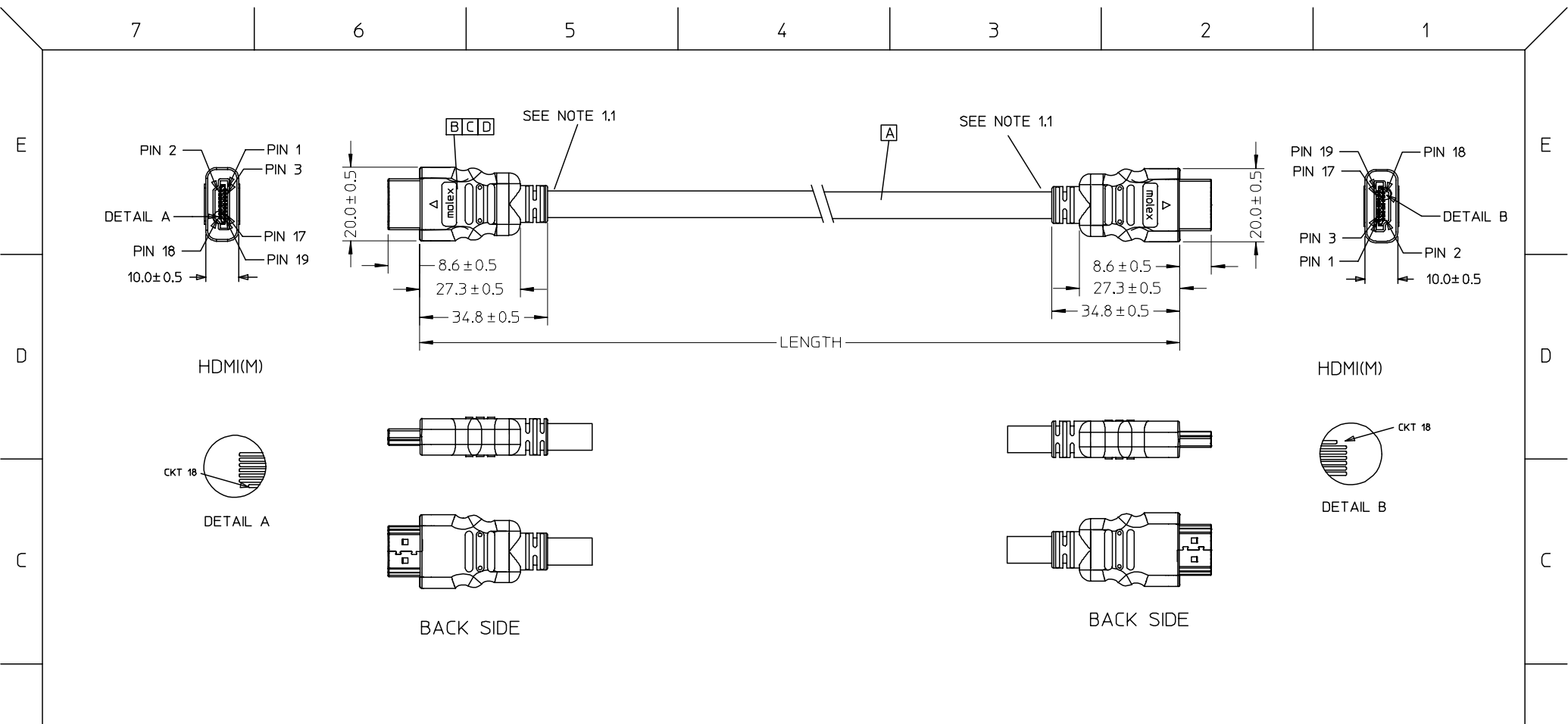
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88768-9830	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9820	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9810	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	7.3MM(TMDS - AWG#28)	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 TDRWN: JFZHENG 2005/12/27 CHKD: 2005/12/30 APPR: DQLUO 2006/01/16	QUALITY SYMBOLS 	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	DATE				
		3 PLACES	± ---	± ---	JFZHENG	2005/12/26				
		2 PLACES	± ---	± ---	APPROVED BY	DATE				
1 PLACE	± ---	± ---	DQLUO	2005/12/26	MOLEX INCORPORATED		SHEET NO. 1 OF 00			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. ENTER PART		DOCUMENT NO. SD-887689820						
		SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

NOTE:

1. OVMOLD 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 TDRWN: JFZHENG CHKD: APPR: DQLUO	2005/12/27 2005/12/30 2006/01/16	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
						MM ONLY	---	METRIC	
				4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE
				3 PLACES	± ---	± ---	JFZHENG	2005/12/26	AWG28 HDMI TO HDMI CABLE ASS'Y
2 PLACES	± ---	± ---	CHECKED BY	DATE					
1 PLACE	± ---	± ---	JFZHENG	2005/12/26					
ANGULAR ± ---°		APPROVED BY	DATE	MOLEX MOLEX INCORPORATED					
		DQLUO	2005/12/26	MATERIAL NO.	DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ENTER PART		SD-887689820	SHEET NO.				
		SIZE		2 OF 00					
		A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					