



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!



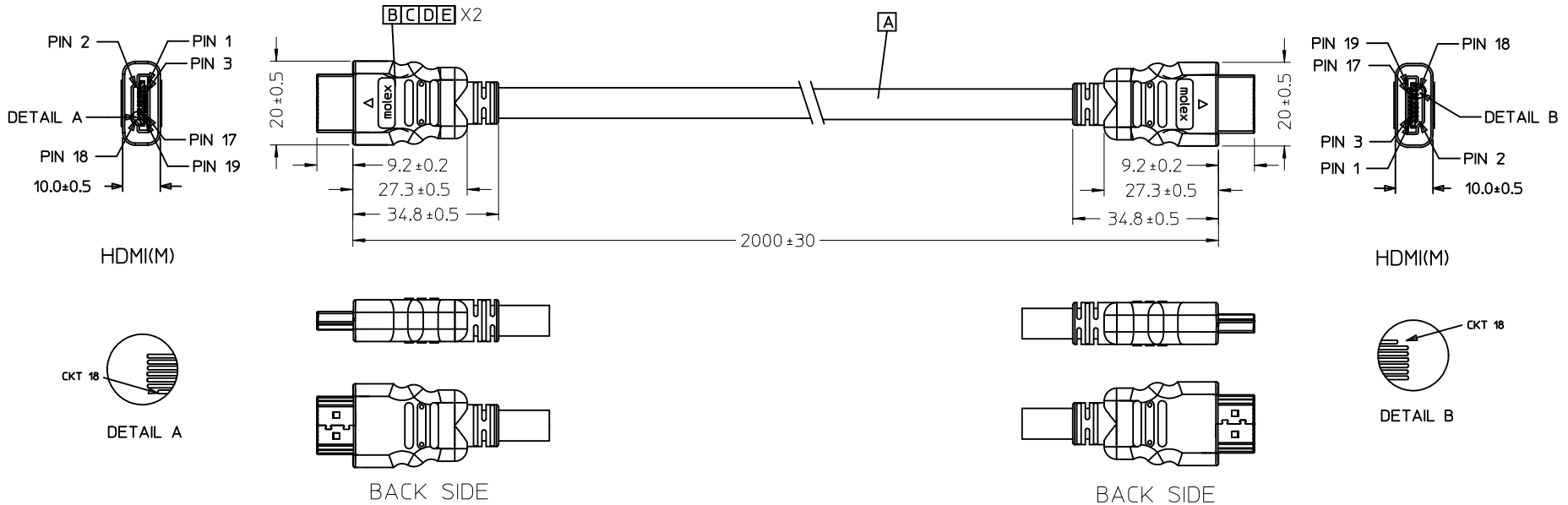
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





<b>ENTER DESCRIPTION</b> EC NO: DG2011-0440 DRWN:FZHANG01 CH'KD:JLJU13 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 FZHANG01	DATE 2011/04/29	TITLE HDMI (M) TO HDMI (M) CABLE ASSY			
			4 PLACES ±---	±---	CHECKED BY JFZHENG	DATE 2011/04/29	MOLEX INCORPORATED SD-68767-0019			
			3 PLACES ±---	±---	APPROVED BY ZXDENG	DATE 2011/05/11				
2 PLACES ±0.25	±---	MATERIAL NO. 687670019		DOCUMENT NO. SD-68767-0019		SHEET NO. 1 OF 2				
1 PLACE ±0.5	±---	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						
ANGULAR ±---°										

7

6

5

4

3

2

1

## 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

## NOTE:

- OVEMROLD SPECIFICATION:
  - HDMI INNERMOLD WITH BK PVC
  - HDMI OVERMOLD WITH PVC
  - HDMI DUST COVER WITH PE
- PRODUCT ELECTRICAL SPECIFICATION:  
REFER TO HDMI SPECIFICATION FOR DETAILS.
- THIS PRODUCT MUST MEET ROHS COMPLIANCE.

E	PRE-CUT C.Foil 47X23mm T=25U		2																																							
D	COPPER FOIL		2																																							
C	HDMI 19P MALE,30U"Au Solder Type		2																																							
B	Metal Shell For HDMI 19P Male,Gold flash		2																																							
A	(4P+1P)X28+5CX28,ALSH,PVC,BK,7.3,UL20276	2000 ref.	1																																							
ITEM	DESCRIPTION	LENGTH	QTY.																																							
<table border="1"> <thead> <tr> <th colspan="2">DIMENSION STYLE</th> <th>SCALE</th> <th>DESIGN UNITS</th> <th rowspan="2">THIRD ANGLE PROJECTION</th> </tr> <tr> <th colspan="2">MM ONLY</th> <th>---</th> <th>METRIC</th> </tr> </thead> <tbody> <tr> <td>DRAWN BY</td> <td>DATE</td> <td colspan="3">TITLE</td> </tr> <tr> <td>FZHANG01</td> <td>2011/04/29</td> <td colspan="3">HDMI (M) TO HDMI (M) CABLE ASSY</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td colspan="3">MOLEX INCORPORATED</td> </tr> <tr> <td>JFZHENG</td> <td>2011/04/29</td> <td colspan="3">MATERIAL NO. 687670019</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td colspan="3">DOCUMENT NO. SD-68767-0019</td> </tr> <tr> <td>ZXDENG</td> <td>2011/05/11</td> <td colspan="3">SHEET NO. 2 OF 2</td> </tr> </tbody> </table>		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	MM ONLY		---	METRIC	DRAWN BY	DATE	TITLE			FZHANG01	2011/04/29	HDMI (M) TO HDMI (M) CABLE ASSY			CHECKED BY	DATE	MOLEX INCORPORATED			JFZHENG	2011/04/29	MATERIAL NO. 687670019			APPROVED BY	DATE	DOCUMENT NO. SD-68767-0019			ZXDENG	2011/05/11	SHEET NO. 2 OF 2				
DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																																						
MM ONLY		---	METRIC																																							
DRAWN BY	DATE	TITLE																																								
FZHANG01	2011/04/29	HDMI (M) TO HDMI (M) CABLE ASSY																																								
CHECKED BY	DATE	MOLEX INCORPORATED																																								
JFZHENG	2011/04/29	MATERIAL NO. 687670019																																								
APPROVED BY	DATE	DOCUMENT NO. SD-68767-0019																																								
ZXDENG	2011/05/11	SHEET NO. 2 OF 2																																								
ENTER DESCRIPTION EC NO: DG2011-0440 DRWN:FZHANG01 2011/05/04 CHKD:JLJ113 2011/05/04 APPR:ZXDENG 2011/05/11		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± ---°</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.5	± ---	ANGULAR ± ---°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																				
	mm	INCH																																								
4 PLACES	± ---	± ---																																								
3 PLACES	± ---	± ---																																								
2 PLACES	± 0.25	± ---																																								
1 PLACE	± 0.5	± ---																																								
ANGULAR ± ---°																																										

6

5

4

3

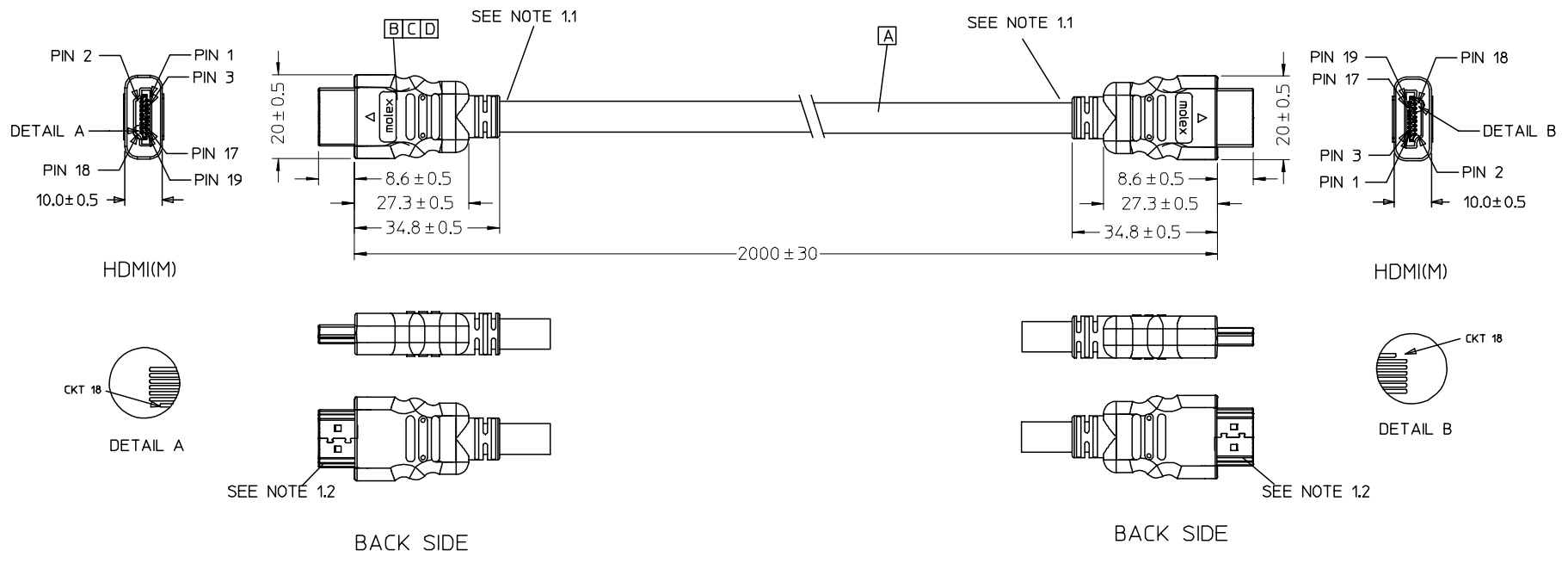
2

1

7 6 5 4 3 2 1

E  
D  
C  
B  
A

E  
D  
C  
B  
A



Released EC NO: DG2007-0027 DRWN: JFZHENG CHKD: JFZHENG APPR: DQ LUO	2006/09/02 2006/09/04 2006/09/04	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
						DRAWN BY JFZHENG	DATE 2006/08/26	TITLE HDMI(M) TO HDMI(M) GOLD 2M CABLE, 28#AWG				
							CHECKED BY JF ZHNENG	DATE 2006/08/26	MOLEX INCORPORATED			
							APPROVED BY DQ LUO	DATE 2006/08/26	MATERIAL NO. 687670019		DOCUMENT NO. SD-68767-019	SHEET NO. 1 OF 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			

6 5 4 3 2 1

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 INNERMOLD WITH BK PVC 887800019.
- 1.2 HDMI OVERMOLD WITH PVC 887800150.
- 1.3 HDMI DUST COVER WITH PE 887800008.

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(CABLES):

(4P+1P+5)\*28AWG;SHLD;PVC;BK;7.30MM;HDMI

5. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

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,OD=7.3mm, 172000455	2000 ref.	1
ITEM	DESCRIPTION	LENGTH	QTY.

Released EC NO: DG2007-0027 DRWN: JFZHENG 2006/09/02 CHKD: JFZHENG 2006/09/04 APPR: DDLUO 2006/09/04	DESCRIPTION 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
		=0 =0	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	MM ONLY	---	METRIC	
			mm	INCH																		
		4 PLACES	±---	±---																		
3 PLACES	±---	±---																				
2 PLACES	±---	±---																				
1 PLACE	±---	±---																				
DRAWN BY	DATE	TITLE	MOLEX INCORPORATED																			
CHECKED BY	DATE																					
APPROVED BY	DATE		MATERIAL NO.	DOCUMENT NO.	SHEET NO.																	
			686760019	SD-68767-019	2 OF 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																		