



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

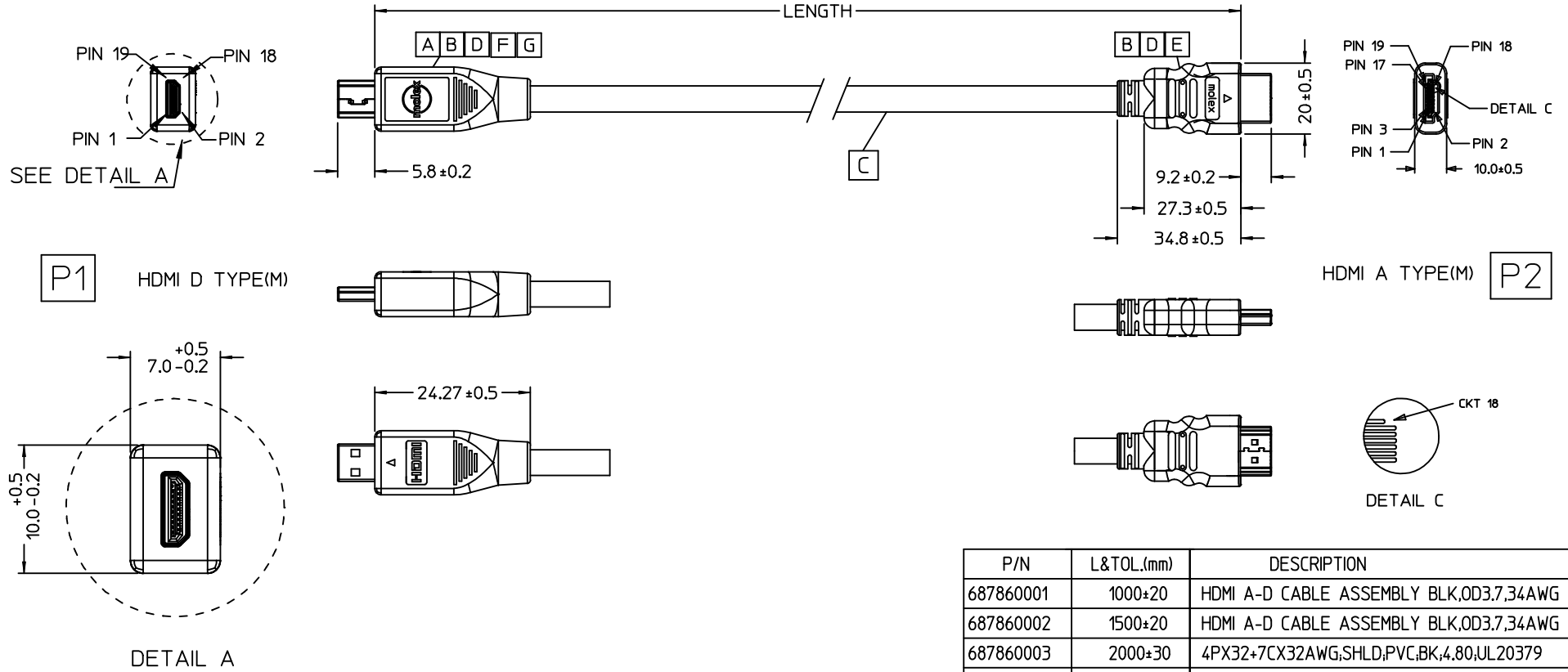
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ECN NO		DATE	REV	REVISIONS	DESCRIPTION	CHANGER
CY13-5427		2012/09/14	H	ADD WIRE HOLDER.		AHOU
CY12-7570		2013/04/11	I	CHANGE DESCRIPTION FOR RAW CABLE		AHOU
CY16-5875		2016/07/04	J	ADD COPPER FOIL		



P/N	L&TOL.(mm)	DESCRIPTION
687860001	1000±20	HDMI A-D CABLE ASSEMBLY BLK,OD3,7,34AWG
687860002	1500±20	HDMI A-D CABLE ASSEMBLY BLK,OD3,7,34AWG
687860003	2000±30	4PX32+7CX32AWG,SHLD,PVC,BK;4,80;UL20379
687860006	1500±20	HDMI A-D CABLE ASSEMBLY BLK,OD3,2,36AWG

ENTER DESCRIPTION EC NO: CPG2017-0019 DRWN: XJGU001 2016/07/09 CHKD: AHOU 2016/07/09 APPR: FNIE 2016/07/11	QUALITY SYMBOLS $F_A = 0$ $F_C = 0$ $F_P = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY XJGU001	DATE 2013/04/13	TITLE HDMI TYPE A TO TYPE D CABLE ASSEMBLY		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY ARTHUR	DATE 2013/04/13			
		2 PLACES ± 0.25 ± ---	1 PLACE ± 0.5 ± ---	APPROVED BY DATE				
0 PLACE ± --- ± ---	ANGULAR ± 1 °		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-68786-001	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						

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WIRE CHART FOR CABLE 32AWG

P1	FUNCTION	P2	WIRE COLOR
Pin 1	HOT PLUG DETECT	Pin 19	BLACK
Pin 2	UTILITY	Pin 14	BROWN
Pin 3	TMDS DATA2+	Pin 1	WHITE
Pin 4	TMDS DATA2 GND	Pin 2	DRAIN WIRE
Pin 5	TMDS DATA2-	Pin 3	RED
Pin 6	TMDS DATA1+	Pin 4	WHITE
Pin 7	TMDS DATA1 GND	Pin 5	DRAIN WIRE
Pin 8	TMDS DATA1-	Pin 6	GREEN
Pin 9	TMDS DATA0+	Pin 7	WHITE
Pin 10	TMDS DATA0 GND	Pin 8	DRAIN WIRE
Pin 11	TMDS DATA0-	Pin 9	BLUE
Pin 12	TMDS CLOCK+	Pin 10	WHITE
Pin 13	TMDS CLOCK GND	Pin 11	DRAIN WIRE
Pin 14	TMDS CLOCK-	Pin 12	YELLOW
Pin 15	CEC	Pin 13	RED
Pin 16	DDC/CEC GND	Pin 17	YELLOW
Pin 17	SCL	Pin 15	GREEN
Pin 18	SDA	Pin 16	BLUE
Pin 19	+5V POWER	Pin 18	WHITE
SHELL		SHELL	BRAID

Note: TMDS drain wire can be short.

WIRE CHART FOR CABLE 34AWG

P1	FUNCTION	P2	WIRE COLOR
Pin 1	HOT PLUG DETECT	Pin 19	ORANGE
Pin 2	UTILITY	Pin 14	BROWN
Pin 3	TMDS DATA2+	Pin 1	WHITE
Pin 4	TMDS DATA2 GND	Pin 2	DRAIN WIRE
Pin 5	TMDS DATA2-	Pin 3	RED
Pin 6	TMDS DATA1+	Pin 4	WHITE
Pin 7	TMDS DATA1 GND	Pin 5	DRAIN WIRE
Pin 8	TMDS DATA1-	Pin 6	GREEN
Pin 9	TMDS DATA0+	Pin 7	WHITE
Pin 10	TMDS DATA0 GND	Pin 8	DRAIN WIRE
Pin 11	TMDS DATA0-	Pin 9	BROWN
Pin 12	TMDS COLOK+	Pin 10	WHITE
Pin 13	TMDS COLOK GND	Pin 11	DRAIN WIRE
Pin 14	TMDS COLOK-	Pin 12	BLUE
Pin 15	CEC	Pin 13	RED
Pin 16	DDC/CEC GND	Pin 17	YELLOW
Pin 17	SCL	Pin 15	GREEN
Pin 18	SDA	Pin 16	BLUE
Pin 19	+5V POWER	Pin 18	WHITE
SHELL		SHELL	BRAID

Note: TMDS drain wire can be short.

WIRE CHART FOR CABLE 36AWG

P1	FUNCTION	P2	WIRE COLOR
Pin 1	HOT PLUG DETECT	Pin 19	RED
Pin 2	UTILITY	Pin 14	BLUE
Pin 3	TMDS DATA2+	Pin 1	WHITE
Pin 4	TMDS DATA2 GND	Pin 2	DRAIN WIRE
Pin 5	TMDS DATA2-	Pin 3	RED
Pin 6	TMDS DATA1+	Pin 4	WHITE
Pin 7	TMDS DATA1 GND	Pin 5	DRAIN WIRE
Pin 8	TMDS DATA1-	Pin 6	GREEN
Pin 9	TMDS DATA0+	Pin 7	WHITE
Pin 10	TMDS DATA0 GND	Pin 8	DRAIN WIRE
Pin 11	TMDS DATA0-	Pin 9	BLUE
Pin 12	TMDS COLOK+	Pin 10	WHITE
Pin 13	TMDS COLOK GND	Pin 11	DRAIN WIRE
Pin 14	TMDS COLOK-	Pin 12	BROWN
Pin 15	CEC	Pin 13	WHITE
Pin 16	DDC/CEC GND	Pin 17	GREEN
Pin 17	SCL	Pin 15	BROWN
Pin 18	SDA	Pin 16	YELLOW
Pin 19	+5V POWER	Pin 18	ORANGE
SHELL		SHELL	BRAID

Note: TMDS drain wire can be short.

NOTES:

- BOTH SIDE INNERMOLD WITH PE RESIN.
BOTH SIDE OUTERMOLD WITH PVC RESIN.
- PRODUCT CAN MEET HDMI SPECIFICATION.
- THIS PRODUCT MUST MEET EU2002/95 ROHS REQUIREMENTS.



ITEM	DESCRIPTION	QTY.
G	PRE-CUT C.FOIL 35X8MM HF	1
F	WIRE HOLDER (ONLY FOR 34AWG & 32AWG)	1
E	HDMI A HOUSING ASSEMBLY	1
D	LOCTITE 416 GLUE	AS
C	RAW CABLE (SEE TABLE)	AS
B	COPPER FOIL	2
A	MICRO HDMI CONNECTOR	1

ENTER DESCRIPTION EC NO: CPG2017-0019 DRAWN: XJGU001 2016/07/09 CHKD: AHO 2016/07/09 APPR: FNIE 2016/07/11	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
		mm	INCH	DRAWN BY XJGU001	DATE 2013/04/13	TITLE HDMI TYPE A TO TYPE D CABLE ASSEMBLY						
J	REV	4 PLACES	± ---	± ---	CHECKED BY ARTHUR	DATE 2013/04/13						
		3 PLACES	± ---	± ---	APPROVED BY	DATE						
		2 PLACES	± 0.25	± ---	MATERIAL NO. SEE TABLE						DOCUMENT NO. SD-68786-001	SHEET NO. 2 OF 2
		1 PLACE	± 0.5	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
		0 PLACE	± ---	± ---								

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