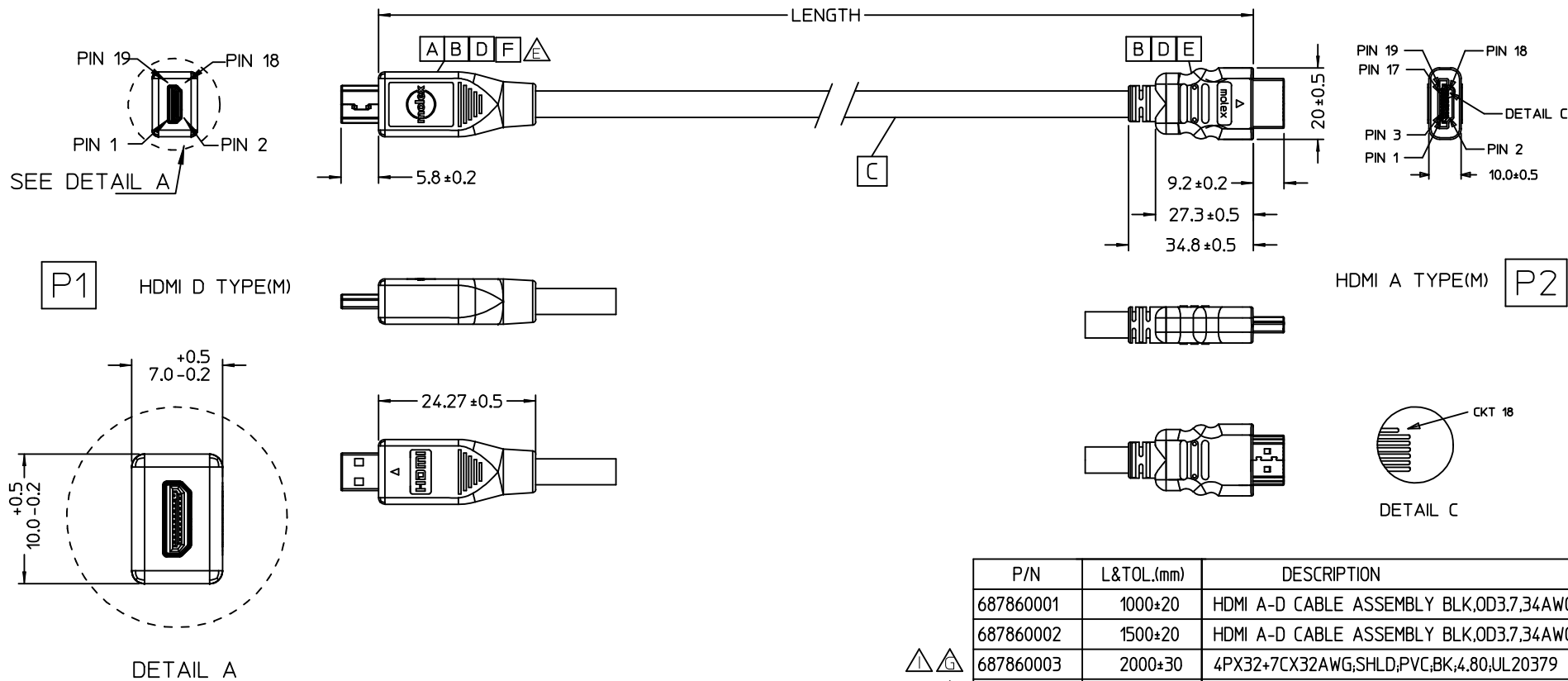


ECN NO	DATE	REV	REVISIONS	DESCRIPTION	CHANGER
CY11-6602	2011/05/05	G	CHANGE RAW CABLE.		JLJU13
CY13-5427	2012/09/14	H	ADD WIRE HOLDER.		AHOU
CY12-7570	2013/04/11	I	CHANGE DESCRIPTION FOR RAW CABLE		ANDY



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			QUALITY SYMBOLS			GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY			SCALE		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: CPG2013-3145			DESCRIPTION						DRAWN BY			DATE		TITLE HDMI TYPE A TO TYPE D CABLE ASSEMBLY			
DRWN:XJGU001			F _{0.1} =0			mm			INCH			2013/04/13					
CHKD:ANDY			F _{0.2} =0			4 PLACES ± --- ± ---			XJGU001			2013/04/13					
APPR:XAWANG			F _{0.5} =0			3 PLACES ± --- ± ---			CHECKED BY			DATE					
						2 PLACES ± 0.25 ± ---			ARTHUR			2013/04/13					
						1 PLACE ± 0.5 ± ---			APPROVED BY			DATE		molex			
						0 PLACE ± --- ± ---											
						ANGULAR ± 1 °			MATERIAL NO.			DOCUMENT NO.		SHEET NO.			
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE			SD-68786-001		1 OF 2			
									SIZE A4			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	Pin14	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	Pin14	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	Pin14	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.

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																		
ITEM	DESCRIPTION	QTY.																		
HDMI TYPE A TO TYPE D CABLE ASSEMBLY																				
ENTER DESCRIPTION EC NO: CPG2013-3145 DRW:NXJGU001 CHKD:ANDY APPR:XAWANG 2013/04/13 2013/04/13 2013/04/22 QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$																				
GENERAL TOLERANCES (UNLESS SPECIFIED)																				
<table> <tr> <th></th><th>mm</th><th>INCH</th></tr> <tr> <td>4 PLACES</td><td>$\pm$ ---</td><td>$\pm$ ---</td></tr> <tr> <td>3 PLACES</td><td>$\pm$ ---</td><td>$\pm$ ---</td></tr> <tr> <td>2 PLACES</td><td>± 0.25</td><td>$\pm$ ---</td></tr> <tr> <td>1 PLACE</td><td>± 0.5</td><td>$\pm$ ---</td></tr> <tr> <td>0 PLACE</td><td>$\pm$ ---</td><td>$\pm$ ---</td></tr> </table>				mm	INCH	4 PLACES	$\pm$ ---	$\pm$ ---	3 PLACES	$\pm$ ---	$\pm$ ---	2 PLACES	± 0.25	$\pm$ ---	1 PLACE	± 0.5	$\pm$ ---	0 PLACE	$\pm$ ---	$\pm$ ---
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ANGULAR $\pm 1^\circ$																				
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APPROVED BY DATE																				
MATERIAL NO. SEE TABLE DOCUMENT NO. SD-68786-001 SHEET NO. 2 OF 2																				
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