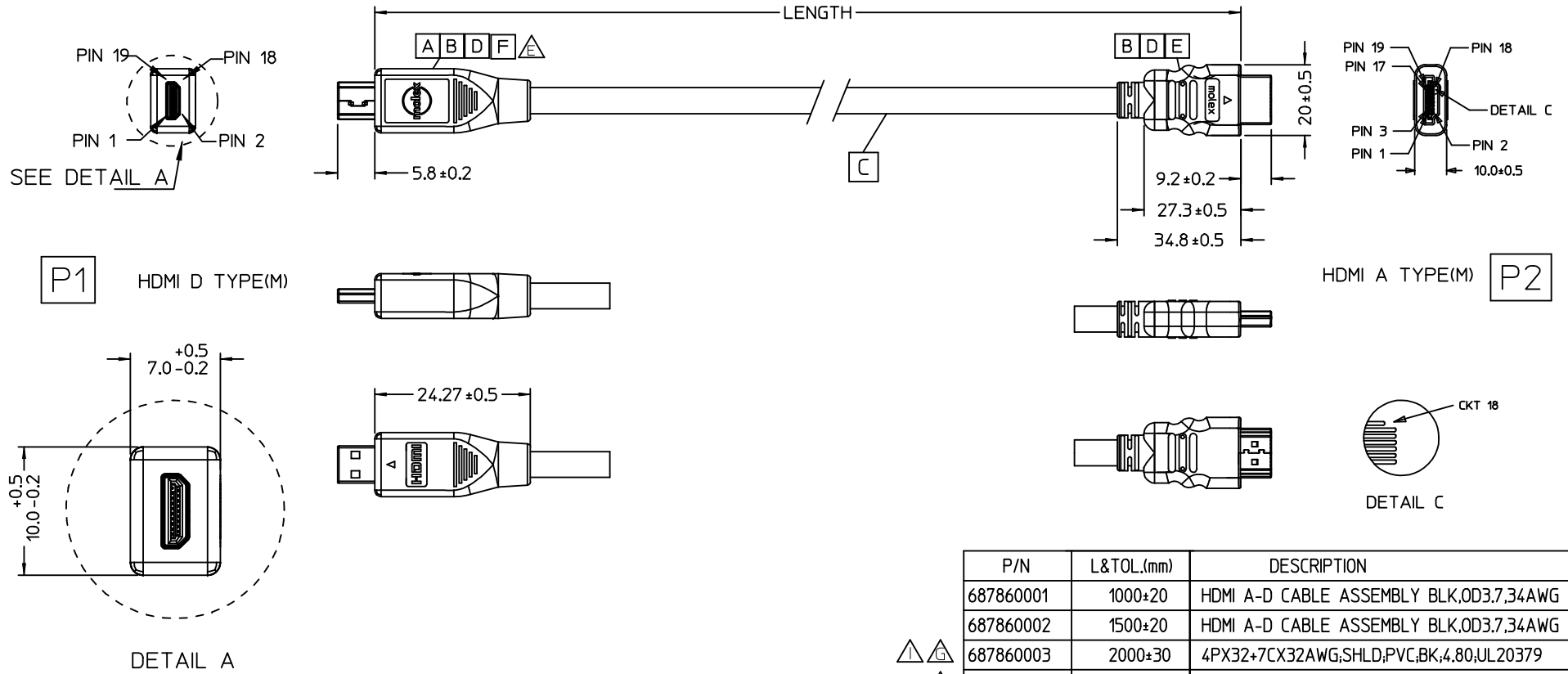


REVISIONS			DESCRIPTION	CHANGER
ECN NO	DATE	REV		
CY11-6602	2011/05/05	G	CHANGE RAW CABLE.	JLIU13
CY13-5427	2012/09/14	H	ADD WIRE HOLDER.	AHOU
CY12-7570	2013/04/11	I	CHANGE DESCRIPTION FOR RAW CABLE	ANDY



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 EC NO: CPG2013-3145 DRAWN: XJGU001 2013/04/13 CHKD: ANDY 2013/04/13 APPR: XAWANG 2013/04/22	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	DATE	TITLE HDMI TYPE A TO TYPE D CABLE ASSEMBLY			
		4 PLACES ± --- ± ---		XJGU001	2013/04/13				
		3 PLACES ± --- ± ---		CHECKED BY	DATE				
2 PLACES ± 0.25 ± ---		ARTHUR	2013/04/13						
1 PLACE ± 0.5 ± ---		APPROVED BY	DATE	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-68786-001		SHEET NO. 1 OF 2	
0 PLACE ± --- ± ---		ANGULAR ± 1 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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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.

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.

ENTER DESCRIPTION EC NO: CPG2013-3145 DRAWN BY: JGU001 CHKD: ANDY APPR: XAWANG	DESCRIPTION 2013/04/13 2013/04/13 2013/04/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES ± 0.25 \pm --- 1 PLACE ± 0.5 \pm --- 0 PLACE \pm --- \pm ---	MM ONLY	1:1	METRIC	HDMI TYPE A TO TYPE D CABLE ASSEMBLY
				DRAWN BY DATE	TITLE		
				CHECKED BY DATE			
APPROVED BY DATE							
		ANGULAR $\pm 1^\circ$	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-68786-001	2 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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