

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0687860006](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

tb_frame_A4_P_AM_T
Rev. G 2012/01/11

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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.

△	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
	ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: CPG2017-0019 DRWN:XJGU001 CHKD:AHU APPR:FNE	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			
		4 PLACES ± ---	± ---	CHECKED BY ARTHUR	DATE 2013/04/13				
		3 PLACES ± ---	± ---	APPROVED BY	DATE				
		2 PLACES ± 0.25	± ---						
		1 PLACE ± 0.5	± ---						
		0 PLACE ± ---	± ---						
		ANGULAR ± 1 °		MATERIAL NO.	DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A4	SEE TABLE	SD-68786-001			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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