



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



6

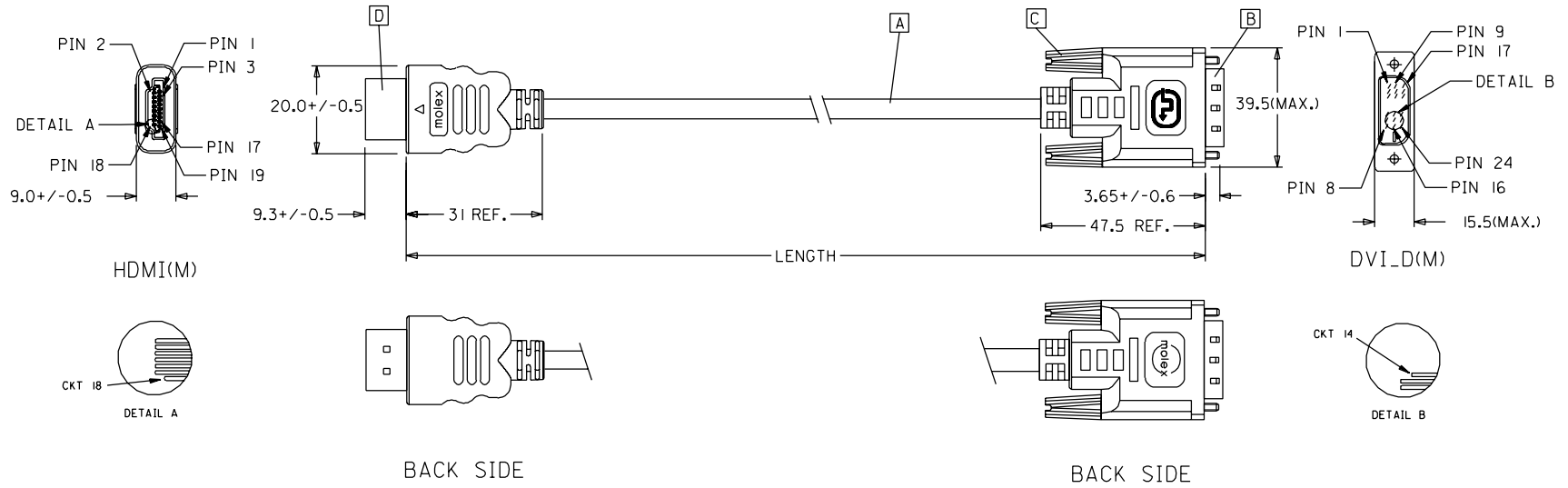
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1



88768-3620	HDMI TO DVI-D(M) CABLE ASS'Y,3M	3000+/-80	BLACK	5,5MM(TMDS - AWG*30)
88768-3610	HDMI TO DVI-D(M) CABLE ASS'Y,2M	2000+/-60	BLACK	5,5MM(TMDS - AWG*30)
88768-3600	HDMI TO DVI-D(M) CABLE ASS'Y,1M	1000+/-30	BLACK	5,5MM(TMDS - AWG*30)
88768-3530	HDMI TO DVI-D(M) CABLE ASS'Y,5M	5000+/-100	BLACK	7,3MM(TMDS - AWG*28)
88768-3520	HDMI TO DVI-D(M) CABLE ASS'Y,3M	3000+/-80	BLACK	7,3MM(TMDS - AWG*28)
88768-3510	HDMI TO DVI-D(M) CABLE ASS'Y,2M	2000+/-60	BLACK	7,3MM(TMDS - AWG*28)
88768-3500	HDMI TO DVI-D(M) CABLE ASS'Y,1M	1000+/-30	BLACK	7,3MM(TMDS - AWG*28)
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD

EC NO. DRWN: CHK: APPR:	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.S.T	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	<input type="checkbox"/> mm INCH	<input type="checkbox"/> mm mm	<input checked="" type="checkbox"/> mm ONLY	SHT	REV
		MAJOR ▼ = 0	4 PLACES	±0.	±.	DRAWN BY & DATE Louis Chen 03/11/17	TITLE: HDMI(M) TO DVI-D(M) CABLE ASS'Y					
		CRITICAL ▽ = 0	3 PLACES	±0.	±.	CHECKED BY & DATE Teddy Kan 03/11/17	MOLEX INCORPORATED					
			2 PLACES	±0.	±.	APPROVED BY & DATE Baron Chen 03/11/17	CAD FILENAME S88768AA.SOI	MATERIAL NO. SEE TABLE	DRAWING NO. SD-88768-001	SHEET NO. 1 OF 2		
C	REV		ANGULAR: ± °	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.								SIZE A4

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NOTE: 1. OVERMOLD SPECIFICATION

1.1 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN P/N.

1.1.1 UL94V-0

1.1.2 HARDNESS (DUROMETER): SHORE A 90-95

1.2 HDMI OUTER MOLD WITH BLACK PVC RESIN. UL94V-0.

2. MECHANICAL SPECIFICATION

2.1 CABLE SHOULD STAND THE PULL FORCE 89-11IN FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.

2.2 CABLE SHOULD PASS THE FLEX TEST IN 100 CYCLES AT EACH OF PLANES, PER EIA 364-41, CONDITION 1.

3. CABLE ELECTRICAL SPECIFICATION

3.1 DIELECTRIC STRENGTH: 300V AC FOR 10MS.

3.2 INSULATION RESISTANCE: 10 MEGA Ohms MIN.

3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100+/-10 Ohms @TDR.

3.4 CONTACT RESISTANCE: 2 OHMS(MAX.).

3.5 SIGNALS CROSSTALK(FEXT): 5% (MAX.) PER ANSI/EIA-364-90.


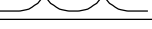



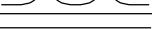


3.6 SIGNALS INTRA-PAIR SKEW : <150 ps.

4. DVI CONNECTOR SPECIFICATION

4.1 REFER TO PRODUCT SPEC. PS74320-0001.

4.2 CONTACT PLATING: AU FLASH.

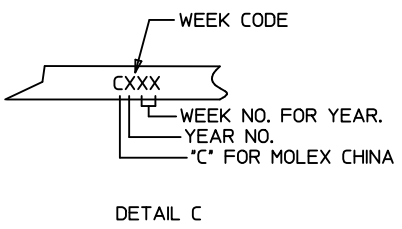
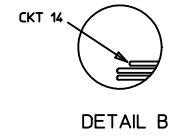
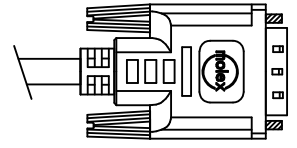
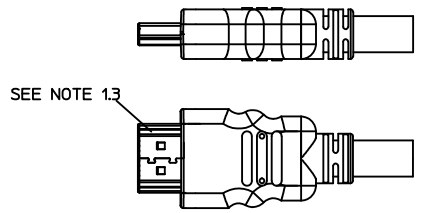
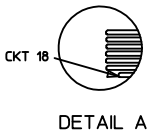
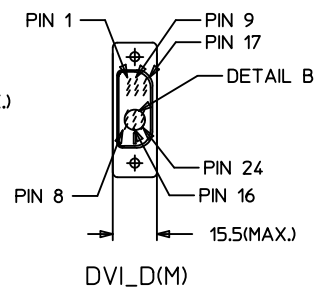
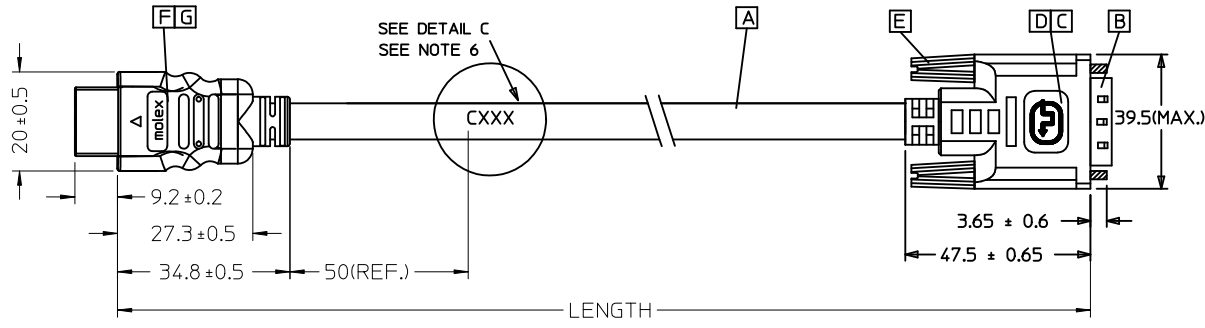
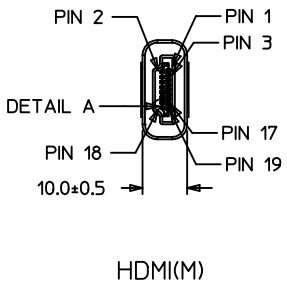
5. MATERIAL MUST MEET MANAGEMENT REGULATIONS FOR ENVIRONMENT (MX TS-0002).

SHIELD	SHIELD		GROUND
PIN 19	PIN 16	=====	HOT PLUG DETECT
PIN 18	PIN 14	=====	POWER +5V
PIN 17	PIN 15	=====	GROUND(+5V&DDC)
PIN 16	PIN 7	=====	DDC DATA(SDA)
PIN 15	PIN 6	=====	DDC CLOCK(SCL)
PIN 11	PIN 22	=====	TMDS CLOCK SHIELD
PIN 12	PIN 24		TMDS CLOCK-
PIN 10	PIN 23		TMDS CLOCK+
PIN 8	PIN 19	=====	TMDS DATA 0 SHIELD
PIN 9	PIN 17		TMDS DATA 0-
PIN 7	PIN 18		TMDS DATA 0+
PIN 5	PIN 11	=====	TMDS DATA 1 SHIELD
PIN 6	PIN 9		TMDS DATA 1-
PIN 4	PIN 10		TMDS DATA 1+
PIN 2	PIN 3	=====	TMDS DATA 2 SHIELD
PIN 3	PIN 1		TMDS DATA 2-
PIN 1	PIN 2		TMDS DATA 2+
HDMI	DVI-D	COLOR	CABLE FUNCTION

D	HDMI PLUG ASSY'	1
C	DVI THUMB SCREW	2
B	DVI_D SINGLE CHANNEL G/F CONNECTOR	1
A	DVI SINGLE LINK CABLE (SEE TABLE)	1
ITEM	DESCRIPTION	QTY.

EC NO. C	DRWN: CHK: APPR:	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE N.S.T	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	<input type="checkbox"/> mm INCH <input type="checkbox"/> mm ONLY	SHT	REV																					
			MAJOR ▼ = 0	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±0.</td> <td>±.</td> </tr> <tr> <td>3 PLACES</td> <td>±0.</td> <td>±.</td> </tr> <tr> <td>2 PLACES</td> <td>±0.</td> <td>±.</td> </tr> <tr> <td>1 PLACE</td> <td>±0.</td> <td>±.</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±0.	±.	3 PLACES	±0.	±.	2 PLACES	±0.	±.	1 PLACE	±0.	±.	<table border="1"> <thead> <tr> <th colspan="2">ANGULAR: ± °</th> </tr> </thead> <tbody> <tr> <td></td> <td>°</td> </tr> </tbody> </table>	ANGULAR: ± °			°	DRAWN BY & DATE Louis Chen 03/11/17	TITLE: HDMI(M) TO DVI-D(M) CABLE ASS'Y					
				mm	INCH																										
			4 PLACES	±0.	±.																										
3 PLACES	±0.	±.																													
2 PLACES	±0.	±.																													
1 PLACE	±0.	±.																													
ANGULAR: ± °																															
	°																														
CRITICAL ▽ = 5			CHECKED BY & DATE Teddy Kan 03/11/17	APPROVED BY & DATE Boron Chen 03/11/17	MOLEX INCORPORATED																										
			CAD FILENAME S88768AA.S02	MATERIAL NO. SEE TABLE	DRAWING NO. SD-88768-001	SHEET NO. 2 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE A4																						

7 6 5 4 3 2 1



887683630	HDMI TO DVI-D(M) CABLE ASS'Y,5M	5000 ± 100	BLACK	5.5MM(TMS - AWG#30)	887808273
887683620	HDMI TO DVI-D(M) CABLE ASS'Y,3M	3000 ± 80	BLACK	5.5MM(TMS - AWG#30)	887808273
887683610	HDMI TO DVI-D(M) CABLE ASS'Y,2M	2000 ± 60	BLACK	5.5MM(TMS - AWG#30)	887808273
887683600	HDMI TO DVI-D(M) CABLE ASS'Y,1M	1000 ± 30	BLACK	5.5MM(TMS - AWG#30)	887808273
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2011-0441 DRWN:FZHANG01 CHKD: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	DATE	TITLE HDMI(M) TO DVI-D(M) CABLE ASS'Y			
		4 PLACES	± ---	± ---	FZHANG01	2011/05/04				
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED			
		2 PLACES	± ---	± ---	YHXU	2011/05/04				
1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-88768-36XX					
ANGULAR ± ---°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ZXDENG					2011/05/11	SHEET NO. 1 OF 2
				MATERIAL NO. 8876836xx		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

6 5 4 3 2 1

NOTE:

1. OVERMOLD SPECIFICATION:
 - 1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN UL94V-0.
 - 1.2 HDMI INNER MOLDED WITH PVC RESIN
HDMI OUTER MOLDED WITH PVC RESIN
 - 1.3 DUST COVER MOLDED WITH PE
2. THE CODE PLEASE BE PRINTED ON THE SPACE
3. PRODUCT ELECTRICAL SPECIFICATION:
 - 3.1 HI-POT VOLTAGE: 300V DC FOR 10mS
 - 3.2 INSULATION RESISTANCE: 10 MEGA Ohms MIN.
 - 3.3 CONTACT RESISTANCE: 2 OHMS MAX. FOR 1&2&3M; 3 OHMS MAX. FOR 5M.
 - 3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE) : 100± 10 Ohms @TDR.
 - 3.5 SIGNALS CROSSTALK (FEET) : 5% (MAX.) PER ANSI/EIA-364-90.
 - 3.6 SIGNALS INTRA-PAIR SKEW(PER CABLE): <150PS.
4. DVI CONNECTOR SPECIFICATION:
 - 4.1 REFER TO PRODUCT SPEC. PS74320-001
 - 4.2 CONTACT PLATING: AU FLASH.
5. THIS PRODUCT MUST MEET EU CHEMICAL SUBSTANCE SPECIFICATION FOR PRODUCTS. (EU 2002/95/EC)

SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 16	WHITE	HOT PLUG DETECT
PIN 18	PIN 14	YELLOW	POWER +5V
PIN 17	PIN 15	ORANGE	GROUND(+5V&DDC)
PIN 16	PIN 7	RED	DDC DATA(SDA)
PIN 15	PIN 6	VIOLET	DDC CLOCK(SCL)
PIN 12	PIN 24	WHITE	TMDS CLOCK-
PIN 11	PIN 22	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 23	BROWN	TMDS CLOCK+
PIN 9	PIN 17	WHITE	TMDS DATA 0-
PIN 8	PIN 19	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 18	BLUE	TMDS DATA 0+
PIN 6	PIN 9	WHITE	TMDS DATA 1-
PIN 5	PIN 11	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 10	GREEN	TMDS DATA 1+
PIN 3	PIN 1	WHITE	TMDS DATA 2-
PIN 2	PIN 3	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 2	RED	TMDS DATA 2+
HDMI	DVI-D	COLOR	CABLE FUNCTION

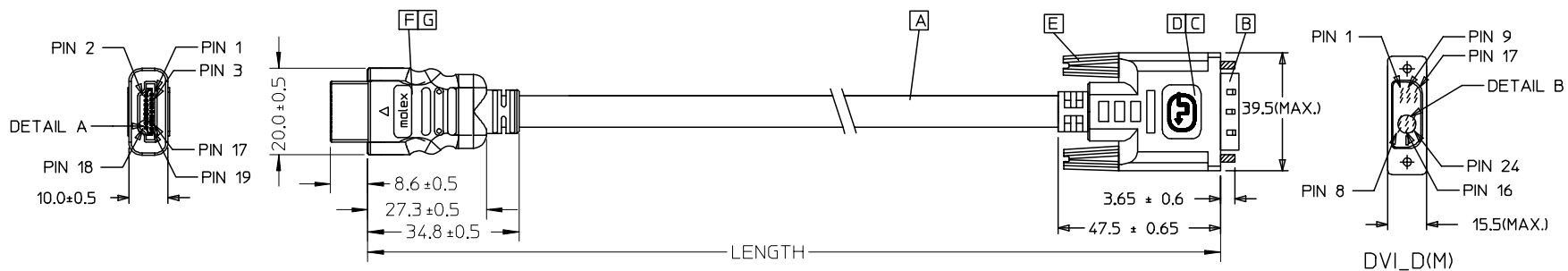
ITEM	DESCRIPTION	QTY.
G	Metal Shell For HDMI 19P Male	1
F	HDMI 19P MALE,30U"Au Solder Type	1
E	DVI THUMB SCREW	2
D	PCB	1
C	ONE BODY CAN	1
B	DVI_D SINGLE CHANNEL G/F CONNECTOR	1
A	DVI SINGLE LINK CABLE (SEE TABLE)	1

ENTER DESCRIPTION EC NO: DG2011-0441 DRWN:FZHANG01 CHKD:JLILU13 APPR:ZXDENG	2011/05/04 2011/05/04 2011/05/11	DESCRIPTION REV	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 2011/05/04	TITLE HDMI(M) TO DVI-D(M) CABLE ASS'Y			
				4 PLACES	±---	±---	CHECKED BY YHXU	DATE 2011/05/04				
				3 PLACES	±---	±---	APPROVED BY ZXDENG	DATE 2011/05/11	MATERIAL NO. 8876836xx		DOCUMENT NO. SD-88768-36XX	SHEET NO. 2 OF 2
2 PLACES	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
1 PLACE	±---	±---	ANGULAR ±---°									

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E

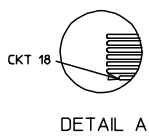
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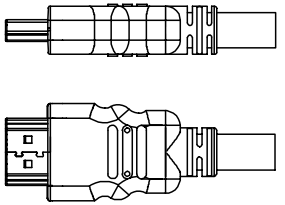
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HDMI(M)

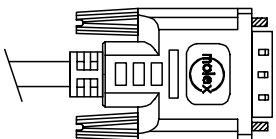


DETAIL A

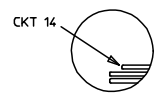
— WEEK CODE



BACK SIDE



BACK SIDE



DETAIL B

B

B

88768-3630	HDMI TO DVI-DIM) CABLE ASS'Y.5M	5000 ± 100	BLACK	5.5MM(TMDS - AWG#30)	887808273
88768-3620	HDMI TO DVI-DIM) CABLE ASS'Y.3M	3000 ± 80	BLACK	5.5MM(TMDS - AWG#30)	887808273
88768-3610	HDMI TO DVI-DIM) CABLE ASS'Y.2M	2000 ± 60	BLACK	5.5MM(TMDS - AWG#30)	887808273
88768-3600	HDMI TO DVI-DIM) CABLE ASS'Y.1M	1000 ± 30	BLACK	5.5MM(TMDS - AWG#30)	887808273
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

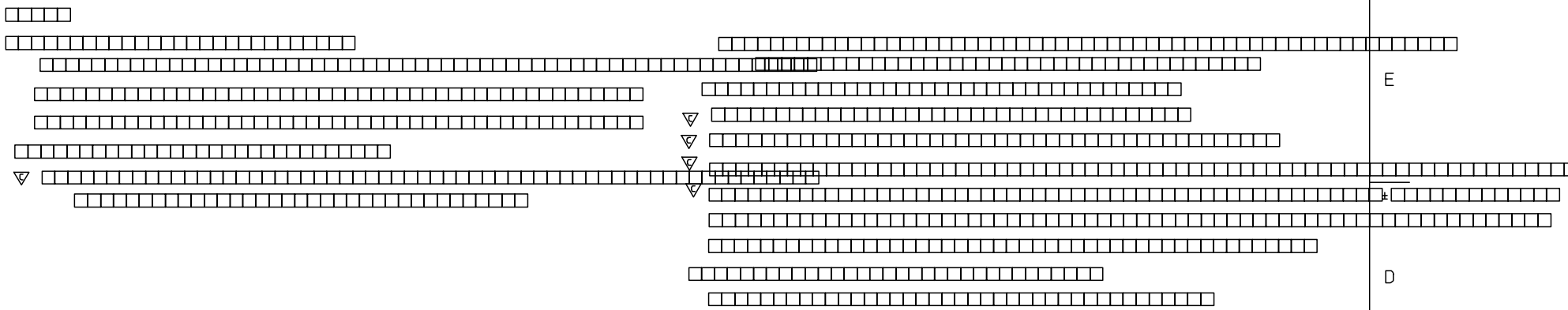
A

A

ENTER DESCRIPTION EC NO: DG2005-0094 DRWN: JLIU13 2005/01/18 CHKD: TEDDY 2005/01/18 APPR: TKAN 2005/01/20	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JLIU13	DATE 2005/01/18	TITLE #30 HDMI TO DVI 3M CABLE ASS'Y		
		4 PLACES	± ---	± ---	CHECKED BY TEDDY	DATE 2005/01/18	MOLEX INCORPORATED		
		3 PLACES	± ---	± ---	APPROVED BY BORON	DATE 2005/01/18	MATERIAL NO. 887683620		
			2 PLACES	± ---	± ---	DOCUMENT NO. SD887683620		SHEET NO. 1 OF 2	
			1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			ANGULAR ± ---°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

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SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 16	WHITE	HOT PLUG DETECT
PIN 18	PIN 14	YELLOW	POWER +5V
PIN 17	PIN 15	ORANGE	GROUND(+5V&DDC)
PIN 16	PIN 7	RED	DDC DATA(SDA)
PIN 15	PIN 6	VIOLET	DDC CLOCK(SCL)
PIN 12	PIN 24	WHITE	TMDS CLOCK-
PIN 11	PIN 22	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 23	BROWN	TMDS CLOCK+
PIN 9	PIN 17	WHITE	TMDS DATA 0-
PIN 8	PIN 19	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 18	BLUE	TMDS DATA 0+
PIN 6	PIN 9	WHITE	TMDS DATA 1-
PIN 5	PIN 11	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 10	GREEN	TMDS DATA 1+
PIN 3	PIN 1	WHITE	TMDS DATA 2-
PIN 2	PIN 3	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 2	RED	TMDS DATA 2+
HDMI	DVI-D	COLOR	CABLE FUNCTION

G	HDMI METAL CAN 5011840018	1
F	HDMI HOUSING ASSY' 5011850001	1
E	DVI THUMB SCREW 887806077	2
D	PCB 887899569/887899570	1
C	ONE BODY CAN 887899396	1
B	DVI-D SINGLE CHANNEL G/F CONNECTOR 743230001	1
A	DVI SINGLE LINK CABLE (SEE TABLE)	1
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: DG2005-0094 DRWN: JLIU13 CH'KD: TEDDY APPR: TKAN 2005/01/18 2005/01/18 2005/01/20	QUALITY SYMBOLS ▽=0 ▽=5	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---		DRAWN BY JLIU13		DATE 2005/01/18		TITLE #30 HDMI TO DVI 3M CABLE ASS'Y				
		ANGULAR ± --- °		CHECKED BY TEDDY		DATE 2005/01/18		APPROVED BY BORON				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 887683620		DATE 2005/01/18		DOCUMENT NO. SD887683620			SHEET NO. 2 OF 2	

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Rev. D 2004/04/02

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