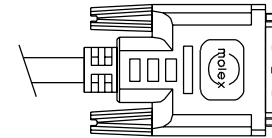
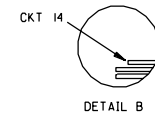


BACK SIDE



BACK SIDE



88768-3620	HDMI TO DVI-D(M) CABLE ASS'Y,3M	3000+/-80	BLACK	5.5MM(TMS - AWG*30)
88768-3610	HDMI TO DVI-D(M) CABLE ASS'Y,2M	2000+/-60	BLACK	5.5MM(TMS - AWG*30)
88768-3600	HDMI TO DVI-D(M) CABLE ASS'Y,1M	1000+/-30	BLACK	5.5MM(TMS - AWG*30)
88768-3530	HDMI TO DVI-D(M) CABLE ASS'Y,5M	5000+/-100	BLACK	7.3MM(TMS - AWG*28)
88768-3520	HDMI TO DVI-D(M) CABLE ASS'Y,3M	3000+/-80	BLACK	7.3MM(TMS - AWG*28)
88768-3510	HDMI TO DVI-D(M) CABLE ASS'Y,2M	2000+/-60	BLACK	7.3MM(TMS - AWG*28)
88768-3500	HDMI TO DVI-D(M) CABLE ASS'Y,1M	1000+/-30	BLACK	7.3MM(TMS - AWG*28)
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD

EC NO. DRWN: CHK: APPR: C	DESCRIPTION	QUALITY SYMBOLS MAJOR ▼ = 0 CRITICAL ▽ = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.S.T	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY	
			mm INCH		DRAWN BY & DATE Louis Chen 03/11/17		TITLE: HDMI(M) TO DVI-D(M) CABLE ASS'Y					
			4 PLACES ±0. ±.		CHECKED BY & DATE Teddy Kan 03/11/17							
			3 PLACES ±0. ±.		APPROVED BY & DATE Baron Chen 03/11/17		 MOLEX INCORPORATED					
			2 PLACES ±0. ±.		CAD FILENAME S88768AA.SOI							
			1 PLACE ±0. ±.		ANGULAR: ± °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					

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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 89-111N 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.

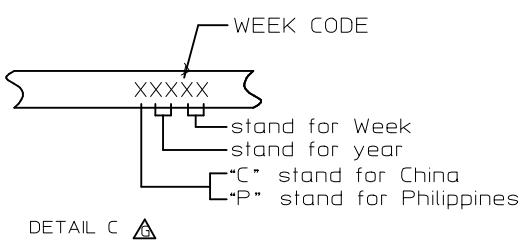
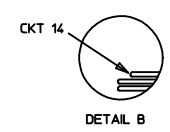
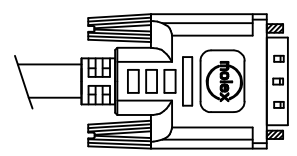
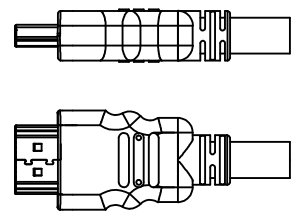
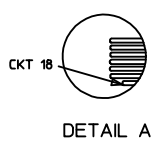
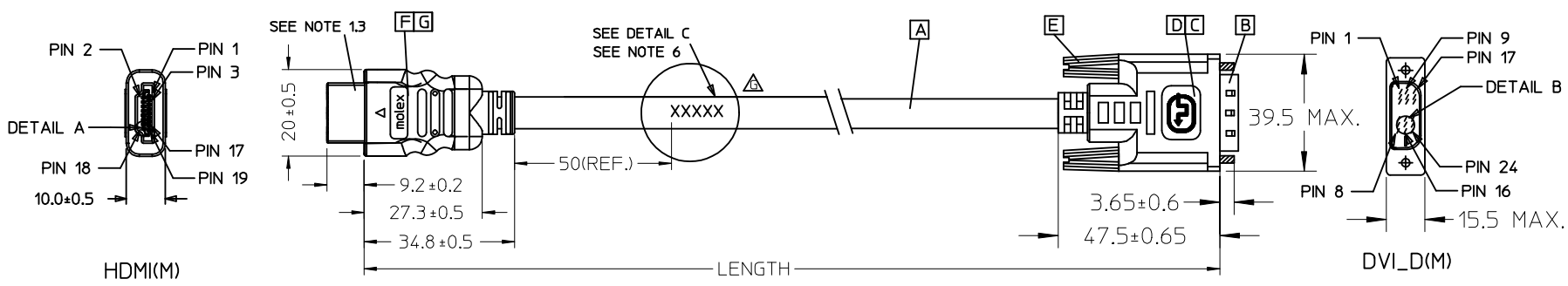
5. MATERIAL MUST MEET MANAGEMENT REGULATIONS FOR ENVIRONMENT (MX TS-0002).

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. DRWN: CHK: APPR:	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.S.T	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm ONLY	SHT	REV	
		MAJOR ▼ = 0	mm	INCH	DRAWN BY & DATE Louis Chen 03/11/17	TITLE: HDMI(M) TO DVI-D(M) CABLE ASS'Y					
		CRITICAL ▽ = 5	4 PLACES ±0.1	±.	CHECKED BY & DATE Teddy Kan 03/11/17	MOLEX INCORPORATED					
			2 PLACES ±0.1	±.	APPROVED BY & DATE Boron Chen 03/11/17	MATERIAL NO. SEE TABLE					
			1 PLACE ±0.1	±.	CAD FILENAME S88768AA.S02	DRAWING NO. SD-88768-001		SHEET NO. 2 OF 2		SIZE A4	
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						

REVISIONS				
ECN NO	DATE	REV.	DESCRIPTION	CHANGER
CY14-5154	2013/08/30	G	CHANGE THE LABELING CONTENT AND UPDATE NOTE FOR PRODUCTS TRANSFER TO PHILIPPINES	AHOU



887683530	HDMI TO DVI-D(M) CABLE ASS'Y.5M	5000 ± 100	BLACK	7.3MM(TMDS - AWG#28)
887683520	HDMI TO DVI-D(M) CABLE ASS'Y.3M	3000 ± 80	BLACK	7.3MM(TMDS - AWG#28)
887683510	HDMI TO DVI-D(M) CABLE ASS'Y.2M	2000 ± 60	BLACK	7.3MM(TMDS - AWG#28)
887683500	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

ENTER DESCRIPTION EC NO: CPG2014-0686 DRAWN:XJGU001 CHK'D:AHOU APPR:XAWANG			QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY			SCALE ---		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
GDRWNXJGU001 CHK'D:AHOU APPR:XAWANG			DESCRIPTION REV				mm		INCH		DRAWN BY		DATE		TITLE HDMI(M) TO DVI-D(M) CABLE ASS'Y	
					4 PLACES		± ---		± ---		FZHANG01		2011/05/05			
					3 PLACES		± ---		± ---		CHECKED BY		DATE			
					2 PLACES		± ---		± ---		YHXU		2011/05/05			
					1 PLACE		± ---		± ---		APPROVED BY		DATE			
									ANGULAR ± ---°		ZXDENG		2011/05/11		molex MOLEX INCORPORATED	
GDRWNXJGU001 CHK'D:AHOU APPR:XAWANG			DESCRIPTION REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		8876835xx		DOCUMENT NO.				SHEET NO.	
											SD-88768-35XX				1 OF 2	
							SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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△ NOTE:

1. OVERMOLD SPECIFICATION:
 - 1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN 887800076, 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 (FEXT) : 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 THE EU RoHS CHEMICAL SUBSTANCES
SPECIFICATION FOR PRODUCTS (EU 2002/95/EC).
6. THE CODE PLEASE BE PRINTED ON THE SPACE.

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 19P MALE,30U"Au Solder Type	1
F	Metal Shell For HDMI 19P Male	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
ITEM	DESCRIPTION	QTY.

ENTER DESCRIPTION EC NO: CPG2014-0686 DRWN:XJGU001 CHKD:AHOU APPR:XAWANG 2013/09/06 2013/09/06 2013/09/12		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 2011/05/05	TITLE HDMI(M) TO DVI-D(M) CABLE ASS'Y			
					4 PLACES	± ---	± ---	CHECKED BY YHXU	DATE 2011/05/05				
					3 PLACES	± ---	± ---	APPROVED BY ZXDENG	DATE 2011/05/11				
					2 PLACES	± ---	± ---	MATERIAL NO. 8876835xx		DOCUMENT NO. SD-88768-35XX		SHEET NO. 2 OF 2	
					ANGULAR ± ---°			MOLEX MOLEX INCORPORATED					
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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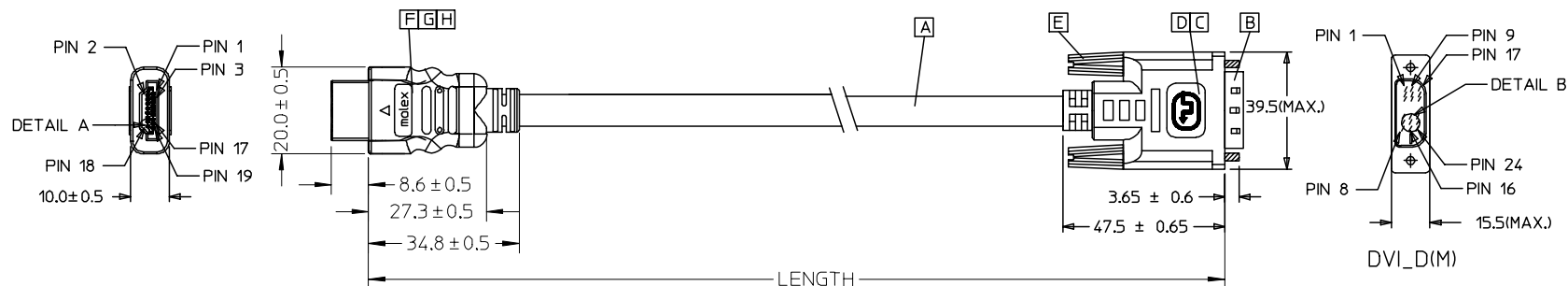
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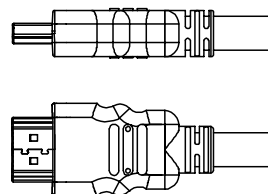
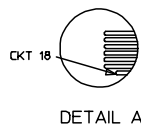
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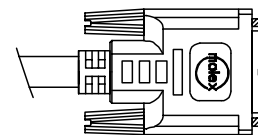
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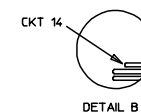
HDMI(M)



BACK SIDE



BACK SIDE



88768-3530	HDMI TO DVI-D(M) CABLE ASS'Y.5M	5000 ± 100	BLACK	7.3MM(TMDS - AWG#28)	887808276
88768-3520	HDMI TO DVI-D(M) CABLE ASS'Y.3M	3000 ± 80	BLACK	7.3MM(TMDS - AWG#28)	887808276
88768-3510	HDMI TO DVI-D(M) CABLE ASS'Y.2M	2000 ± 60	BLACK	7.3MM(TMDS - AWG#28)	887808276
88768-3500	HDMI TO DVI-D(M) CABLE ASS'Y.1M	1000 ± 30	BLACK	7.3MM(TMDS - AWG#28)	887808276
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2006-0144 DRWN: JFZHENG CHKD: 2005/12/30 APPR: DQLUO 2006/01/16				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 JFZHENG	DATE 2005/12/26	#28 HDMI TO DVI 1M CABLE ASS'Y			
						4 PLACES		± ---	± ---	CHECKED BY JFZHENG	DATE 2005/12/26				
						3 PLACES		± ---	± ---	APPROVED BY DQLUO	DATE 2005/12/26				
						2 PLACES		± ---	± ---	MOLEX	MOLEX INCORPORATED				
								1 PLACE		± ---	± ---				
								ANGULAR ± ---°							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									MATERIAL NO. ENTER PART		DOCUMENT NO. SD-887683510		SHEET NO. 1 OF 00		
							SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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NOTE:

1. OVERMOLD SPECIFICATION:

1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN 887800076,UL94V-0.

1.2 HDMI INNERMOLD WITH BK PVC 887800019.

HDMI OVERMOLD WITH PVC 887800150

1.3 HDMI DUST COVER WITH PE 887800008

2. MECHANICAL SPECIFICATION

2.1 CABLE SHOULD STAND THE PULL FORCE 89-111N 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. PRODUCT ELECTRICAL SPECIFICATION:

3.1 DIELECTRIC STRENGTH.

3.2 INSULATION RESISTANCE.

3.3 CONDUCTIVE RESISTANCE.

3.4 TMDS Signals Time Domain Impedence

3.5 TMDS Signals Time Domain Crosstalk:FEXT

3.6 TMDS Signals Skew

3.7 Attenuation

REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.

4.CABLE CONSTRUCTION(CABLE

(AWG#28*1P+D)*4 + AWG#28*1P + AWG#28*3C, 7.3MMOD

5. DVI CONNECTOR SPECIFICATION(DVI

5.1 REFER TO PRODUCT SPEC. PS74320-001

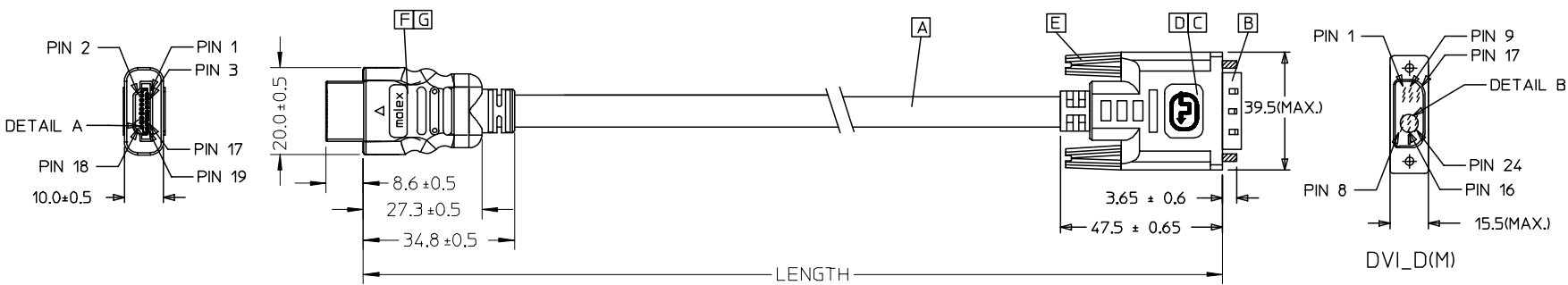
5.2 CONTACT PLATING: AU FLASH.

6. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

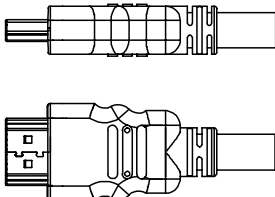
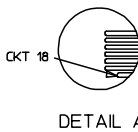
SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 16	WHITE	HOT PLUG DETECT
PIN 18	PIN 14	YELLOW	POWER +5V
PIN 17	PIN 15	ORANGE	GROUND(+5V&DDC)
PIN 16	PIN 7	RED	DDC DATA(SDA)
PIN 15	PIN 6	VIOLET	DDC CLOCK(SCL)
PIN 12	PIN 24	WHITE	TMDS CLOCK-
PIN 11	PIN 22	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 23	BROWN	TMDS 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

H	HDMI METAL PLATED 47152-6009	1
G	HDMI METAL CAN 47152-4001	1
F	HDMI HOUSING ASSY' 47152-1100	1
E	DVI THUMB SCREW 887806077	2
D	PCB 887899569/887899570	1
C	ONE BODY CAN 887899392	1
B	DVI_D SINGLE CHANNEL G/F CONNECTOR 743230001	1
A	DVI SINGLE LINK CABLE (SEE TABLE)	1
ITEM	DESCRIPTION	QTY.

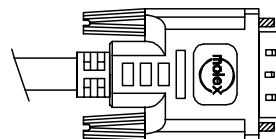
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				mm	INCH	DRAWN BY JFZHENG	DATE 2005/12/26	TITLE #28 HDMI TO DVI 1M CABLE ASS'Y			
			4 PLACES	± ---	± ---	CHECKED BY JFZHENG	DATE 2005/12/26				
			3 PLACES	± ---	± ---	APPROVED BY DQLUO	DATE 2005/12/26	MOLEX MOLEX INCORPORATED			
			2 PLACES	± ---	± ---						
1 PLACE	± ---	± ---	ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO. SD-887683510	SHEET NO. 2 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A 4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



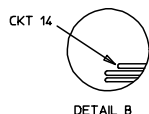
HDMI(M)



BACK SIDE



BACK SIDE



88768-3530	HDMI TO DVI-DIM) CABLE ASS'Y.5M	5000 ± 100	BLACK	7.3MM(TMS - AWG#28)	887808276
88768-3520	HDMI TO DVI-DIM) CABLE ASS'Y.3M	3000 ± 80	BLACK	7.3MM(TMS - AWG#28)	887808276
88768-3510	HDMI TO DVI-DIM) CABLE ASS'Y.2M	2000 ± 60	BLACK	7.3MM(TMS - AWG#28)	887808276
88768-3500	HDMI TO DVI-DIM) CABLE ASS'Y.1M	1000 ± 30	BLACK	7.3MM(TMS - AWG#28)	887808276
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2005-0094 DRWN:JLIU13 CHKD:TEDDY APPR:TKAN REV		DESCRIPTION 2005/01/18 2005/01/18 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 #28 HDMI TO DVI 2M CABLE ASS'Y												
				4 PLACES	± ---	± ---	CHECKED BY TEDDY	DATE 2005/01/18													
				3 PLACES	± ---	± ---	APPROVED BY BORON		DATE 2005/01/18		molex MOLEX INCORPORATED										
				2 PLACES	± ---	± ---															
				1 PLACE	± ---	± ---	MATERIAL NO. 887683510					DOCUMENT NO. SD887683510					SHEET NO. 1 OF 2				
				ANGULAR ± ---°																	
				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									

