

6

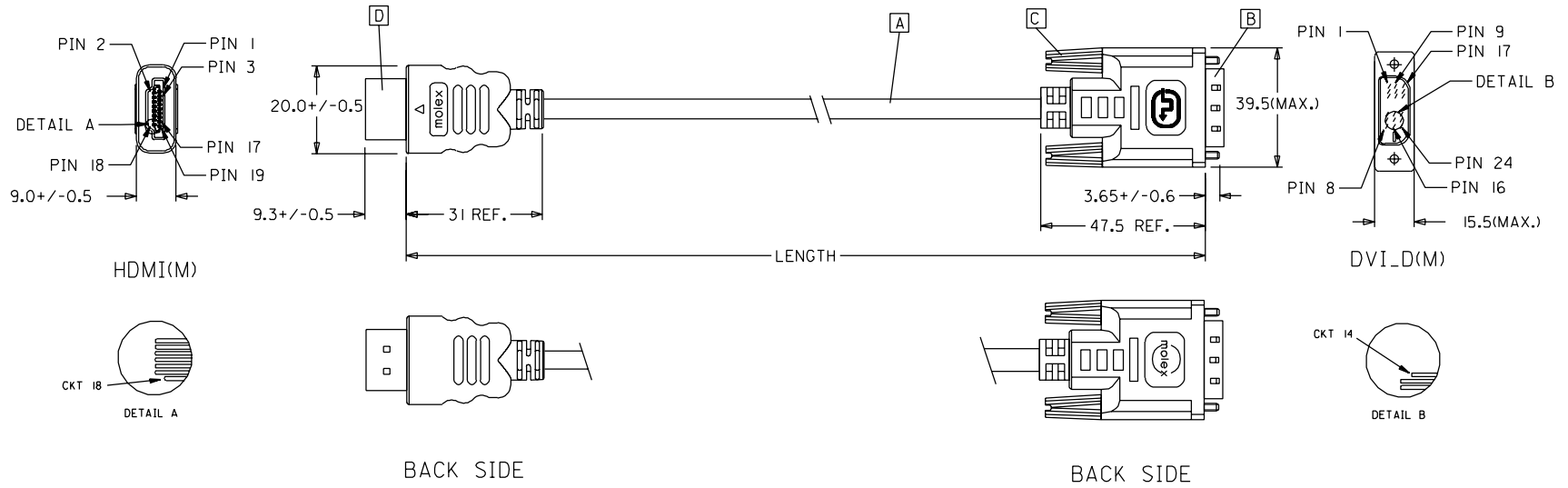
5

4

3

2

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 <input type="checkbox"/> INCH	<input type="checkbox"/> 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	REVISE ON CAD ONLY
C	REV		1 PLACE	±0.	±.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SIZE A4
			ANGULAR: ±	°							

6

5

4

3

2

1

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.




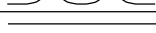



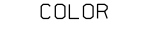
3.6 SIGNALS INTRA-PAIR SKEW : <150 ps.

4. DVI CONNECTOR SPECIFICATION

4.1 REFER TO PRODUCT SPEC. PS74320-0001.

4.2 CONTACT PLATING: AU FLASH.

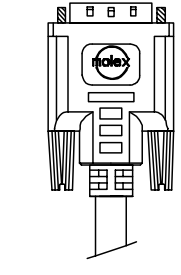
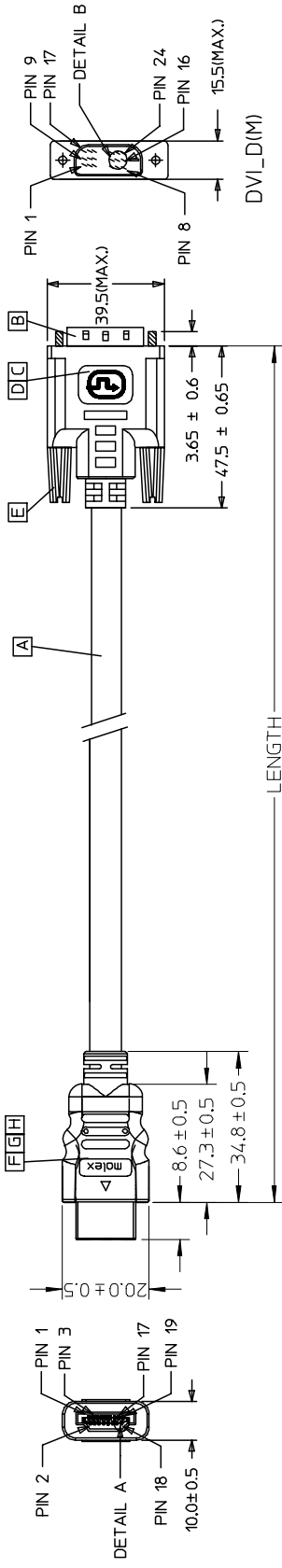
5. MATERIAL MUST MEET MANAGEMENT REGULATIONS FOR ENVIRONMENT (MX TS-0002).

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

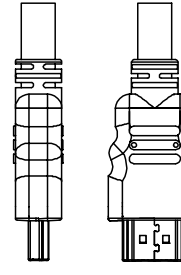
ITEM	DESCRIPTION	QTY.
D	HDMI PLUG ASSY'	1
C	DVI THUMB SCREW	2
B	DVI_D SINGLE CHANNEL G/F CONNECTOR	1
A	DVI SINGLE LINK CABLE (SEE TABLE)	1

EC NO. DRWN: CHK: APPR:  C	DESCRIPTION  REV	QUALITY SYMBOLS MAJOR ▼ = 0 CRITICAL ▽ = 5	GENERAL TOLERANCES: (UNLESS SPECIFIED) <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.	±.	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"/> INCH mm <input checked="" type="checkbox"/> mm ONLY	DRAWN BY & DATE Louis Chen 03/11/17 CHECKED BY & DATE Teddy Kan 03/11/17 APPROVED BY & DATE Boron Chen 03/11/17	TITLE: HDMI(M) TO DVI-D(M) CABLE ASS'Y MOLEX INCORPORATED	SHT REV
			mm	INCH																		
		4 PLACES	±0.	±.																		
		3 PLACES	±0.	±.																		
2 PLACES	±0.	±.																				
1 PLACE	±0.	±.																				
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																		

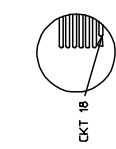
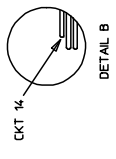
7 6 5 4 3 2 1



FRONT SIDE



BACK SIDE



HDMI(M)

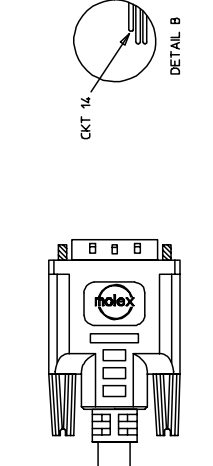
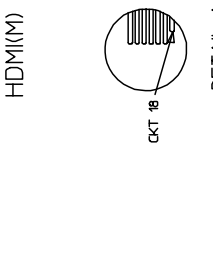
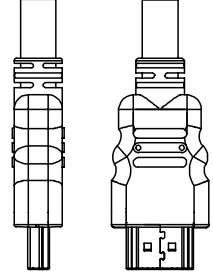
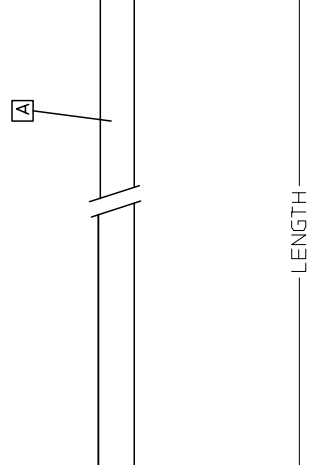
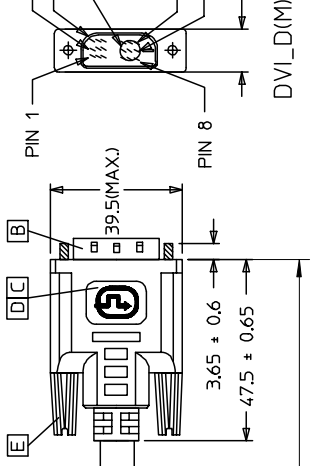
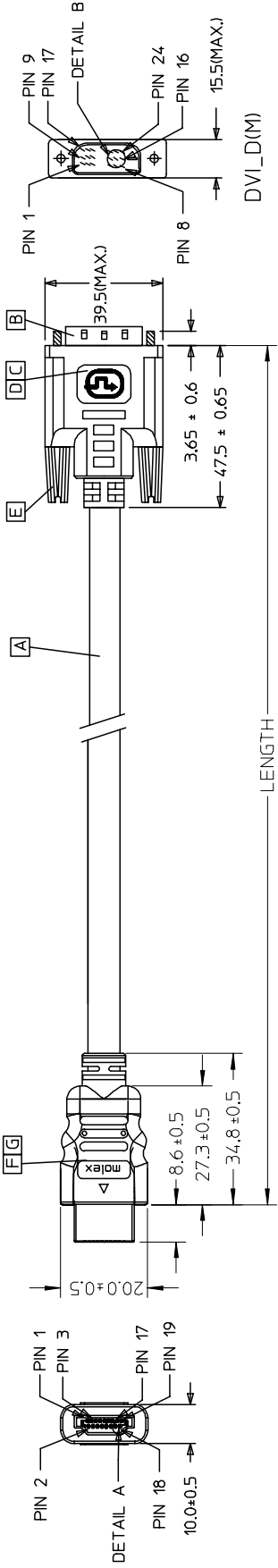
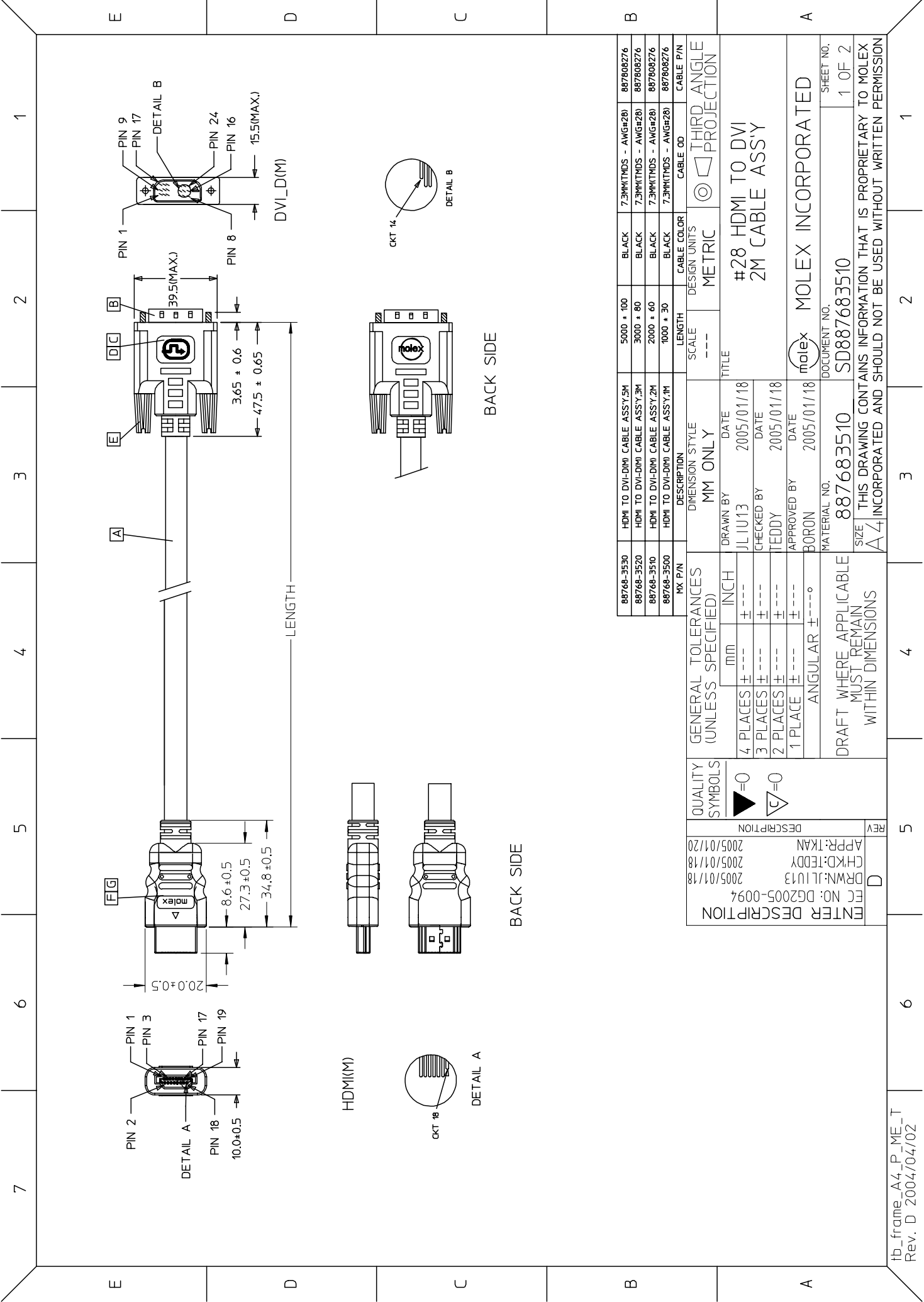
MOLEX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
88768-3530	HDMI TO DVI-D(M) CABLE ASSY.5M	5000 ± 100	BLACK	7.3MM(M)DS - AWGR28) 887808276
88768-3520	HDMI TO DVI-D(M) CABLE ASSY.3M	3000 ± 80	BLACK	7.3MM(M)DS - AWGR28) 887808276
88768-3510	HDMI TO DVI-D(M) CABLE ASSY.2M	2000 ± 60	BLACK	7.3MM(M)DS - AWGR28) 887808276
88768-3500	HDMI TO DVI-D(M) CABLE ASSY.1M	1000 ± 30	BLACK	7.3MM(M)DS - AWGR28) 887808276

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS
4 PLACES ± --- mm	MM ONLY	---	METRIC
3 PLACES ± --- INCH	DRAWN BY	---	THIRD ANGLE PROJECTION
2 PLACES ± --- INCH	DATE		
1 PLACE ± --- INCH	CHECKED BY		
ANGULAR ± --- °	DATE		
	APPROVED BY		
	DATE		
	DRAWN BY		
	DATE		
	CHECKED BY		
	DATE		
	APPROVED BY		
	DATE		
	DRAWN BY		
	DATE		
	CHECKED BY		
	DATE		
	APPROVED BY		
	DATE		

QUALITY SYMBOLS	DRAWN BY	DATE	TITLE
▶=0	JFZHENG	2005/12/26	#28 HDMI TO DVI 1M CABLE ASSY
◁=0	CHECKED BY	DATE	
	JFZHENG	2005/12/26	
	APPROVED BY	DATE	
	DOLUO	2005/12/26	
	MATERIAL NO.	DOCUMENT NO.	
	ENTER PART	SD-887683510	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
	SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

MOLEX INCORPORATED	SHEET NO.
	1 OF 00
	1

7	6	5	4	3	2	1																																																																																																																							
E	<p>NOTE:</p> <p>1. OVERMOLD SPECIFICATION:</p> <p>1.1 DVI BOOT MOLDED SNOW WHITE PVC RESIN 887800076,UL94V-0.</p> <p>1.2 HDMI INNERMOLD WITH BK PVC 887800019.</p> <p>    HDMI OVERMOLD WITH PVC 887800150</p> <p>1.3 HDMI DUST COVER WITH PE 887800008</p>					E																																																																																																																							
D	<p>2. MECHANICAL SPECIFICATION</p> <p>2.1 CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.</p> <p>2.2 CABLE SHOULD PASS THE FLEX TEST IN 100 CYCLES AT EACH OF PLANES, PER EIA 364-41, CONDITION 1.</p> <p>3. PRODUCT ELECTRICAL SPECIFICATION:</p> <p>3.1 DIELECTRIC STRENGTH.</p> <p>3.2 INSULATION RESISTANCE.</p> <p>3.3 CONDUCTIVE RESISTANCE.</p> <p>3.4 TMDS Signals Time Domain Impedence</p> <p>3.5 TMDS Signals Time Domain Crosstalk:FEXT</p> <p>3.6 TMDS Signals Skew</p> <p>3.7 Attenuation</p> <p>REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.</p> <p>4.CABLE CONSTRUCTION(CABLE (AWG#28*1P+D)*4 + AWG#28*1P + AWG#28*3C, 7.3MMOD</p> <p>5. DVI CONNECTOR SPECIFICATION(DVI 5.1 REFER TO PRODUCT SPEC. PS74320-001</p> <p>5.2 CONTACT PLATING: AU FLASH.</p> <p>6. THIS PRODUCT MUST MEET ROHS COMPLIANCE.</p>					D																																																																																																																							
C	<table border="1"> <thead> <tr> <th>SHIELD</th> <th>SHIELD</th> <th>OVERALL SHIELD</th> <th>GROUND</th> <th>CABLE FUNCTION</th> </tr> </thead> <tbody> <tr><td>PIN 19</td><td>PIN 16</td><td>WHITE</td><td>HOT PLUG DETECT</td><td></td></tr> <tr><td>PIN 18</td><td>PIN 14</td><td>YELLOW</td><td>POWER +5V</td><td></td></tr> <tr><td>PIN 17</td><td>PIN 15</td><td>ORANGE</td><td>GROUND(+5V&amp;DDC)</td><td></td></tr> <tr><td>PIN 16</td><td>PIN 7</td><td>RED</td><td>DDC DATA(SDA)</td><td></td></tr> <tr><td>PIN 15</td><td>PIN 6</td><td>VIOLET</td><td>DDC CLOCK(SCL)</td><td></td></tr> <tr><td>PIN 12</td><td>PIN 24</td><td>WHITE</td><td>TMDS CLOCK-</td><td></td></tr> <tr><td>PIN 11</td><td>PIN 22</td><td>BRAID</td><td>TMDS CLOCK SHIELD</td><td></td></tr> <tr><td>PIN 10</td><td>PIN 23</td><td>BROWN</td><td>TMDS CLOCK+</td><td></td></tr> <tr><td>PIN 9</td><td>PIN 17</td><td>WHITE</td><td>TMDS DATA 0-</td><td></td></tr> <tr><td>PIN 8</td><td>PIN 19</td><td>BRAID</td><td>TMDS DATA 0 SHIELD</td><td></td></tr> <tr><td>PIN 7</td><td>PIN 18</td><td>BLUE</td><td>TMDS DATA 0+</td><td></td></tr> <tr><td>PIN 6</td><td>PIN 9</td><td>WHITE</td><td>TMDS DATA 1-</td><td></td></tr> <tr><td>PIN 5</td><td>PIN 11</td><td>BRAID</td><td>TMDS DATA 1 SHIELD</td><td></td></tr> <tr><td>PIN 4</td><td>PIN 10</td><td>GREEN</td><td>TMDS DATA 1+</td><td></td></tr> <tr><td>PIN 3</td><td>PIN 1</td><td>WHITE</td><td>TMDS DATA 2-</td><td></td></tr> <tr><td>PIN 2</td><td>PIN 3</td><td>BRAID</td><td>TMDS DATA 2 SHIELD</td><td></td></tr> <tr><td>PIN 1</td><td>PIN 2</td><td>RED</td><td>TMDS DATA 2+</td><td></td></tr> <tr><td>HDMI</td><td>DVI-D</td><td>COLOR</td><td></td><td></td></tr> </tbody> </table>					SHIELD	SHIELD	OVERALL SHIELD	GROUND	CABLE FUNCTION	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			C																								
SHIELD	SHIELD	OVERALL SHIELD	GROUND	CABLE FUNCTION																																																																																																																									
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																																																																																																																											
B	<table border="1"> <thead> <tr> <th>H</th> <th>HDMI METAL PLATED</th> <th>47152-6009</th> <th>1</th> </tr> </thead> <tbody> <tr> <td>G</td> <td>HDMI METAL CAN</td> <td>47152-4001</td> <td>1</td> </tr> <tr> <td>F</td> <td>HDMI HOUSING ASSY.</td> <td>47152-1100</td> <td>1</td> </tr> <tr> <td>E</td> <td>DVI THUMB SCREW</td> <td>887806077</td> <td>2</td> </tr> <tr> <td>D</td> <td>PCB</td> <td>887899569/887899570</td> <td>1</td> </tr> <tr> <td>C</td> <td>ONE BODY CAN</td> <td>887899392</td> <td>1</td> </tr> <tr> <td>B</td> <td>DVLD SINGLE CHANNEL G/F CONNECTOR</td> <td>743230001</td> <td>1</td> </tr> <tr> <td>A</td> <td>DVI SINGLE LINK CABLE (SEE TABLE)</td> <td></td> <td>1</td> </tr> </tbody> </table>					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	DVLD SINGLE CHANNEL G/F CONNECTOR	743230001	1	A	DVI SINGLE LINK CABLE (SEE TABLE)		1	B																																																																																							
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	DVLD SINGLE CHANNEL G/F CONNECTOR	743230001	1																																																																																																																										
A	DVI SINGLE LINK CABLE (SEE TABLE)		1																																																																																																																										
A	<table border="1"> <thead> <tr> <th>ITEM</th> <th>DESCRIPTION</th> <th>SCALE</th> <th>DESIGN UNITS</th> <th>METRIC</th> <th>THIRD ANGLE PROJECTION</th> <th>QTY.</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>---</td> <td>---</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> <td>mm</td> <td>INCH</td> <td colspan="3"></td> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> <td>±---</td> <td colspan="3"></td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> <td>±---</td> <td colspan="3"></td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> <td>±---</td> <td colspan="3"></td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> <td>±---</td> <td colspan="3"></td> </tr> <tr> <td colspan="2">ANGULAR</td> <td>±---°</td> <td>±---°</td> <td colspan="3"></td> </tr> <tr> <td colspan="7">DRAWING INFORMATION</td> </tr> <tr> <td>DATE</td> <td>2005/12/27</td> <td>DRWN:</td> <td>JFZHENG</td> <td>DATE</td> <td>2005/12/26</td> <td>TITLE</td> </tr> <tr> <td>CHKD:</td> <td>2005/12/30</td> <td>APP:</td> <td>DOLUO</td> <td>CHECKED BY</td> <td>JFZHENG</td> <td>#28 HDMI TO DVI 1M CABLE ASSY</td> </tr> <tr> <td>DESCRPTION</td> <td>2006/01/16</td> <td>REV</td> <td></td> <td>DRAWN BY</td> <td>JFZHENG</td> <td></td> </tr> <tr> <td>FC NO:</td> <td>DG2006-0144</td> <td></td> <td></td> <td>APPROVED BY</td> <td>DOLUO</td> <td></td> </tr> <tr> <td>FRONT VIEW</td> <td></td> <td></td> <td></td> <td>MATERIAL NO.</td> <td></td> <td></td> </tr> <tr> <td>TOP VIEW</td> <td></td> <td></td> <td></td> <td>DOCUMENT NO.</td> <td>SD-887683510</td> <td>SHEET NO. 2 OF 2</td> </tr> <tr> <td>RIGHT VIEW</td> <td></td> <td></td> <td></td> <td colspan="3">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td> </tr> <tr> <td>LEFT VIEW</td> <td></td> <td></td> <td></td> <td colspan="3">SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> </tr> </tbody> </table>					ITEM	DESCRIPTION	SCALE	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION	QTY.			---	---				GENERAL TOLERANCES (UNLESS SPECIFIED)		mm	INCH				4 PLACES	±---	±---	±---				3 PLACES	±---	±---	±---				2 PLACES	±---	±---	±---				1 PLACE	±---	±---	±---				ANGULAR		±---°	±---°				DRAWING INFORMATION							DATE	2005/12/27	DRWN:	JFZHENG	DATE	2005/12/26	TITLE	CHKD:	2005/12/30	APP:	DOLUO	CHECKED BY	JFZHENG	#28 HDMI TO DVI 1M CABLE ASSY	DESCRPTION	2006/01/16	REV		DRAWN BY	JFZHENG		FC NO:	DG2006-0144			APPROVED BY	DOLUO		FRONT VIEW				MATERIAL NO.			TOP VIEW				DOCUMENT NO.	SD-887683510	SHEET NO. 2 OF 2	RIGHT VIEW				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			LEFT VIEW				SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			A
ITEM	DESCRIPTION	SCALE	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION	QTY.																																																																																																																							
		---	---																																																																																																																										
GENERAL TOLERANCES (UNLESS SPECIFIED)		mm	INCH																																																																																																																										
4 PLACES	±---	±---	±---																																																																																																																										
3 PLACES	±---	±---	±---																																																																																																																										
2 PLACES	±---	±---	±---																																																																																																																										
1 PLACE	±---	±---	±---																																																																																																																										
ANGULAR		±---°	±---°																																																																																																																										
DRAWING INFORMATION																																																																																																																													
DATE	2005/12/27	DRWN:	JFZHENG	DATE	2005/12/26	TITLE																																																																																																																							
CHKD:	2005/12/30	APP:	DOLUO	CHECKED BY	JFZHENG	#28 HDMI TO DVI 1M CABLE ASSY																																																																																																																							
DESCRPTION	2006/01/16	REV		DRAWN BY	JFZHENG																																																																																																																								
FC NO:	DG2006-0144			APPROVED BY	DOLUO																																																																																																																								
FRONT VIEW				MATERIAL NO.																																																																																																																									
TOP VIEW				DOCUMENT NO.	SD-887683510	SHEET NO. 2 OF 2																																																																																																																							
RIGHT VIEW				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																																																																																																									
LEFT VIEW				SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																																									



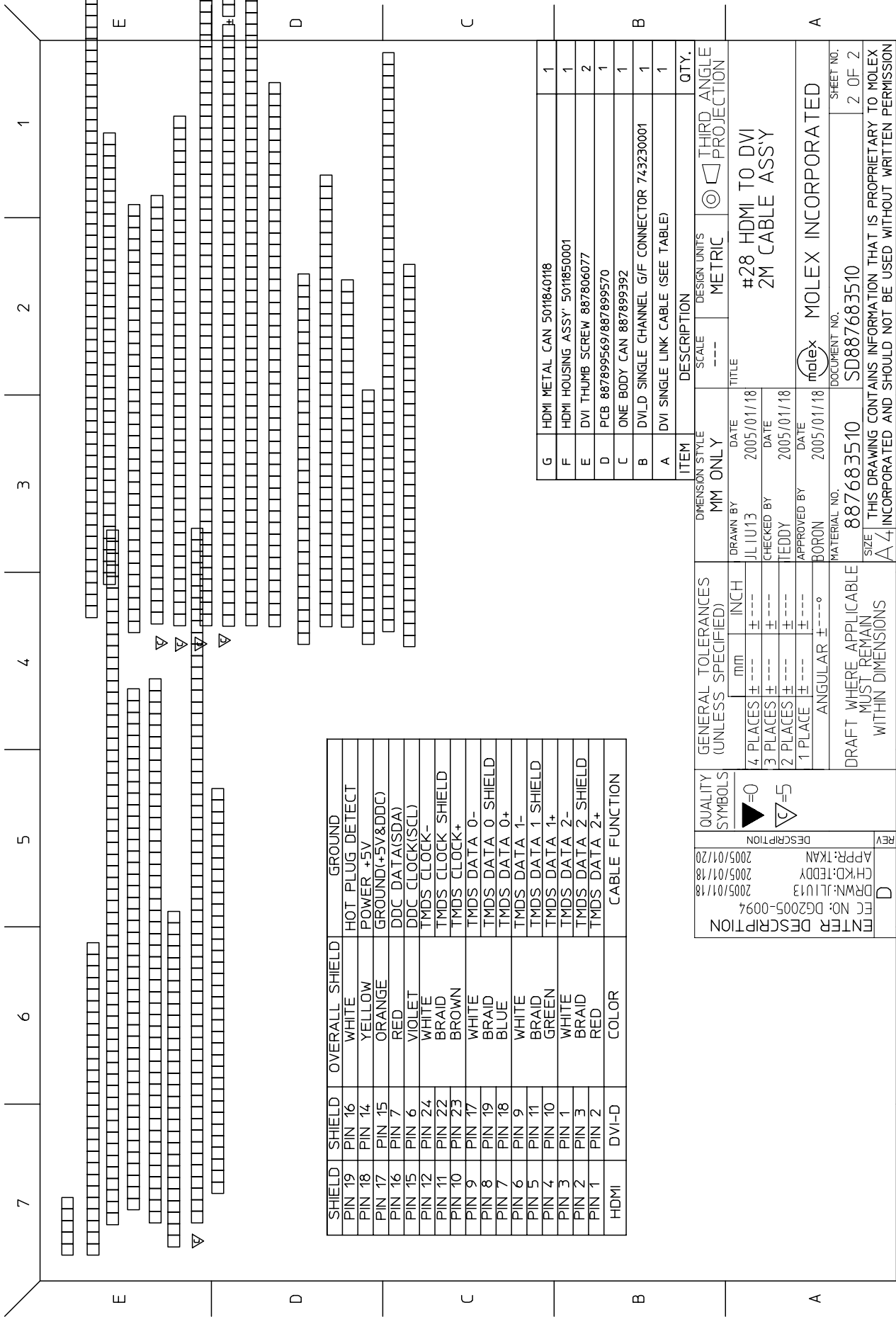
HDMI(M)      DVI\_D(M)

DETAIL A      DETAIL B

CKT 16      CKT 14

BACK SIDE      BACK SIDE

88768-3530	HDMI TO DVI-D(M) CABLE ASSY,5M	5000 ± 100	BLACK	7.3MM(TMS - AWG#28)	887808276
88768-3520	HDMI TO DVI-D(M) CABLE ASSY,3M	3000 ± 80	BLACK	7.3MM(TMS - AWG#28)	887808276
88768-3510	HDMI TO DVI-D(M) CABLE ASSY,2M	2000 ± 60	BLACK	7.3MM(TMS - AWG#28)	887808276
88768-3500	HDMI TO DVI-D(M) CABLE ASSY,1M	1000 ± 30	BLACK	7.3MM(TMS - AWG#28)	887808276
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N
GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
mm	INCH	---	METRIC		
4 PLACES ± ---	DATE	TITLE			
3 PLACES ± ---	JLIU13	#28 HDMI TO DVI			
2 PLACES ± ---	2005/01/18	2M CABLE ASSY			
1 PLACE ± ---	CHECKED BY				
ANGULAR ± ---°	TEDDY				
	APPROVED BY				
	BORON				
	DATE				
	2005/01/18				
	MATERIAL NO.	DOCUMENT NO.			
	887683510	SD887683510			
	SIZE	SHEET NO.			
	A4	1 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	QTY.
G	HDMI METAL CAN 501840118	---	METRIC		1
F	HDMI HOUSING ASSY' 5011850001	---	METRIC		1
E	DVI THUMB SCREW 887806077	---	METRIC		2
D	PCB 887899569/887899570	---	METRIC		1
C	ONE BODY CAN 887899392	---	METRIC		1
B	DVI-D SINGLE CHANNEL G/F CONNECTOR 743230001	---	METRIC		1
A	DVI SINGLE LINK CABLE (SEE TABLE)	---	METRIC		1

GENERAL TOLERANCES (UNLESS SPECIFIED)	QUALITY SYMBOLS	DESCRIPTION
4 PLACES ±--- INCH		ENTER DESCRIPTION
3 PLACES ±--- INCH		APP:TKAN 2005/01/18
2 PLACES ±--- INCH		CHK:TEDDY 2005/01/18
1 PLACE ±--- INCH		DRW:JLIU13 2005/01/18
ANGULAR ±---°		ENC NO: DG2005-0094
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ENTER DESCRIPTION

ITEM	DESCRIPTION	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	QTY.
G	HDMI METAL CAN 501840118	---	METRIC		1
F	HDMI HOUSING ASSY' 5011850001	---	METRIC		1
E	DVI THUMB SCREW 887806077	---	METRIC		2
D	PCB 887899569/887899570	---	METRIC		1
C	ONE BODY CAN 887899392	---	METRIC		1
B	DVI-D SINGLE CHANNEL G/F CONNECTOR 743230001	---	METRIC		1
A	DVI SINGLE LINK CABLE (SEE TABLE)	---	METRIC		1

tb\_frame\_A4\_P\_ME\_T  
Rev. D 2004/04/02

887683510  
SD887683510  
MOLEX INCORPORATED  
DOCUMENT NO.  
SD887683510  
SHEET NO.  
2 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION