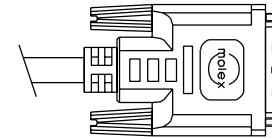


BACK SIDE



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															
			<table><tr><td></td><td>mm</td><td>INCH</td></tr><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></table>		mm	INCH	4 PLACES	±0.	±.	3 PLACES	±0.	±.	2 PLACES	±0.	±.	1 PLACE	±0.	±.	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.	±.																						
			CHECKED BY & DATE Teddy Kan 03/11/17																								
			APPROVED BY & DATE Baron Chen 03/11/17		 MOLEX INCORPORATED																						
			ANGULAR: ± °									CAD FILENAME S88768AA.SOI	MATERIAL NO. SEE TABLE	DRAWING NO. SD-88768-001		SHEET NO. 1 OF 2											
		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 89-111N 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.

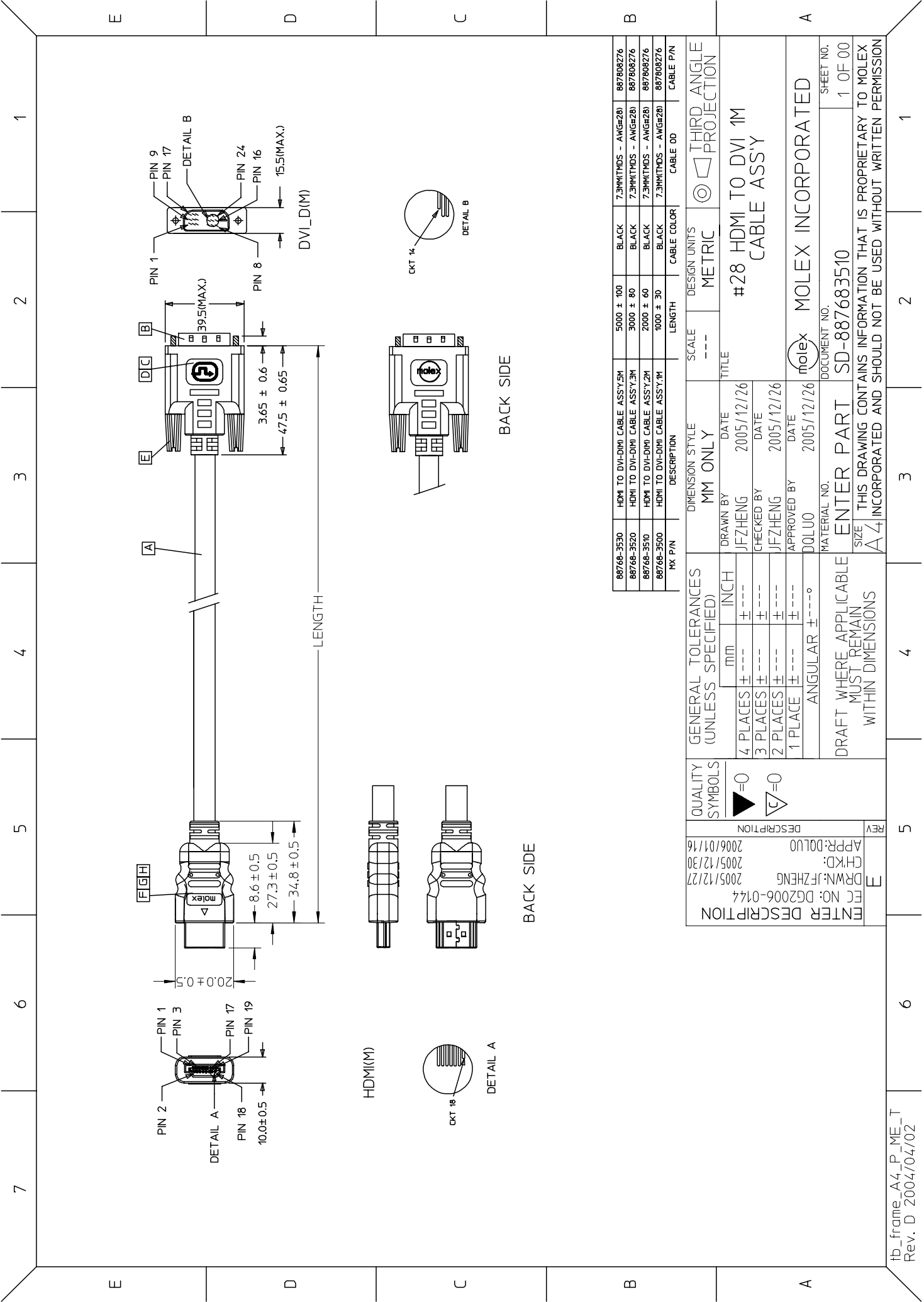
4.2 CONTACT PLATING: AU FLASH.

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.

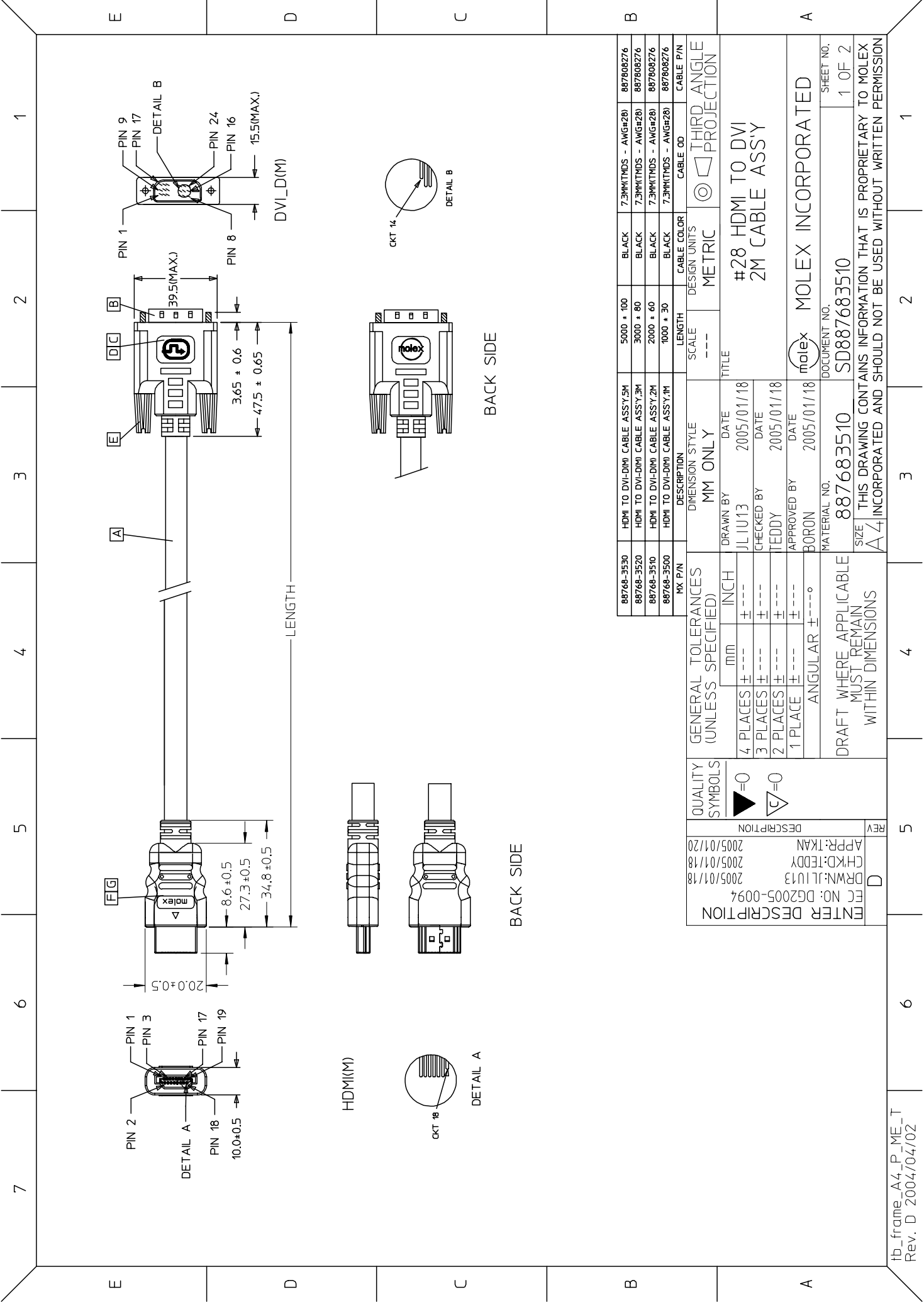
EC NO. DRWN: CHK: APPR:	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.S.T	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION 	☐ mm INCH ☐ mm ONLY	SHT	REV	
		MAJOR ▼ = 0	mm	INCH	DRAWN BY & DATE Louis Chen 03/11/17	TITLE: HDMI(M) TO DVI-D(M) CABLE ASS'Y					
		CRITICAL ▽ = 5	4 PLACES ±0.1	±.1	CHECKED BY & DATE Teddy Kan 03/11/17	MOLEX INCORPORATED					
			2 PLACES ±0.1	±.1	APPROVED BY & DATE Boron Chen 03/11/17	MATERIAL NO. SEE TABLE					
			1 PLACE ±0.1	±.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.						



MM P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
88768-3530	HDMI TO DVI-D(M) CABLE ASSY.3M	5000 ± 100	BLACK	7.3MM(TMD5 - AWG#28) 887808276
88768-3520	HDMI TO DVI-D(M) CABLE ASSY.3M	3000 ± 80	BLACK	7.3MM(TMD5 - AWG#28) 887808276
88768-3510	HDMI TO DVI-D(M) CABLE ASSY.2M	2000 ± 60	BLACK	7.3MM(TMD5 - AWG#28) 887808276
88768-3500	HDMI TO DVI-D(M) CABLE ASSY.1M	1000 ± 30	BLACK	7.3MM(TMD5 - AWG#28) 887808276

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4 PLACES ± ---	mm	MM ONLY	---	METRIC	
3 PLACES ± ---	INCH	DRAWN BY	DATE	TITLE	
2 PLACES ± ---		JFZHENG	2005/12/26	#28 HDMI TO DVI 1M	CABLE ASSY
1 PLACE ± ---		CHECKED BY	DATE		
		JFZHENG	2005/12/26		
		APPROVED BY	DATE		
		DOLUO	2005/12/26		
		ANGULAR ± ---°			

ENTER DESCRIPTION	ENTER PART	DOCUMENT NO.	SHEET NO.
FC NO: DG2006-0144	SD-887683510		1 OF 00
DRWN: JFZHENG			
CHKD:			
APPR: DOLUO			
2005/12/27			
2005/12/30			
2006/01/16			



88768-3530	HDMI TO DVI-DM0 CABLE ASSY.5M	5000 ± 100	BLACK	7.3MMTMS - AWG#28)	887808276
88768-3520	HDMI TO DVI-DM0 CABLE ASSY.3M	3000 ± 80	BLACK	7.3MMTMS - AWG#28)	887808276
88768-3510	HDMI TO DVI-DM0 CABLE ASSY.2M	2000 ± 60	BLACK	7.3MMTMS - AWG#28)	887808276
88768-3500	HDMI TO DVI-DM0 CABLE ASSY.1M	1000 ± 30	BLACK	7.3MMTMS - AWG#28)	887808276

ANCES (ED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				MM ONLY

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY		DATE		TITLE			
4 PLACES ±	mm	JL1U13		2005/01/18		#28 HDMI TO DVI			
3 PLACES ±		CHECKED BY		DATE		2M CABLE ASS'Y			
2 PLACES ±		TEDDY		2005/01/18					
1 PLACE ±		APPROVED BY		DATE					
ANGULAR ±		BORON		2005/01/18					

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED			
		887683510		SD887683510					
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX					
		A4		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

ENTER DESCRIPTION		REV		SHEET NO.					
EC NO: DG2005-0094		D		1 OF 2					
DRWN:JL1U13									
CHKD:TEDDY									
APPR:TKAN									

QUALITY SYMBOLS		INCH		DATE					
=0		±		2005/01/18					
=0		±		2005/01/18					
		±		2005/01/18					
		±		2005/01/18					

