



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!



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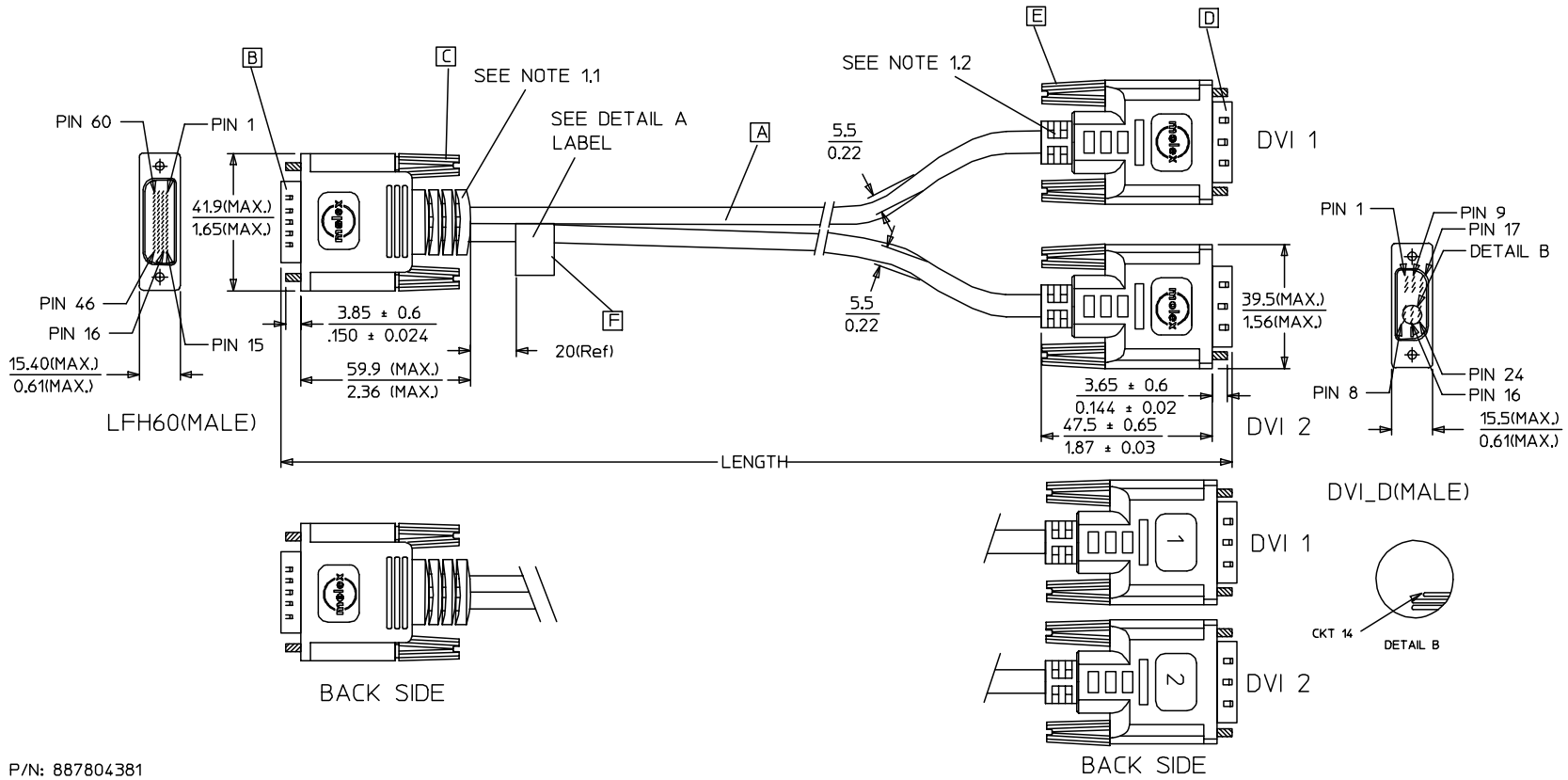
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P/N: 887804381

MOLEX P/N:  
887-6676-XX  
REV.B

DETAIL A

EC NO. DRWN: PDAI 04/06/11 CHK: APPR:	EC NO. DRWN: METTLE03/03/06 CHK: APPR:	EC NO. DRWN: MACKY 02/08/01 CHK: APPR:	EC NO. DRWN: MACKY 02/07/03 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	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY		SHT	REV
					MAJOR ▼ = 0	mm	INCH	DRAWN BY & DATE METTLE 03/03/06	TITLE: LFH60(M) TO TWO DVI-D(M) CABLE ASS'Y	<input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	REVISION ON CAD ONLY			
C	B1	B	A		CRITICAL ▽ = 5	4 PLACES	ANGULAR: \				MOLEX INCORPORATED			
						3 PLACES					CAD FILENAME S88744BB.S01	MATERIAL NO. SEE TABLE A	DRAWING NO. SD-88744-028	SHEET NO. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.													SIZE A4	

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## WIRING DIAGRAM:

SHIELD	SHIELD	GROUND
PIN 24	PIN 32	DVI1_TXC-
PIN 23	PIN 31	DVI1_TXC+
PIN 22	PIN 57	DVI1_TXC RTN
PIN 19	PIN 33	DVI1_TX0 RTN
PIN 18	PIN 29	DVI1_TX0+
PIN 17	PIN 30	DVI1_TX0-
PIN 16	PIN 36	DVI1_HPD
PIN 15	PIN 54	SYNCS
PIN 14	PIN 5	+5V
PIN 11	PIN 34	DVI1_TX1 RTN
PIN 10	PIN 27	DVI1_TX1+
PIN 9	PIN 28	DVI1_TX1-
PIN 7	PIN 7	DVI1_SDA
PIN 6	PIN 6	DVI1_SCL
PIN 3	PIN 35	DVI1_TX2 RTN
PIN 2	PIN 25	DVI1_TX2+
PIN 1	PIN 26	DVI1_TX2-
DVI 1	LFH60	CABLE FUNCTION

SHIELD	SHIELD	GROUND
PIN 24	PIN 44	DVI2_TXC-
PIN 23	PIN 45	DVI2_TXC+
PIN 22	PIN 49	DVI2_TXC RTN
PIN 19	PIN 43	DVI2_TX0 RTN
PIN 18	PIN 16	DVI2_TX0+
PIN 17	PIN 17	DVI2_TX0-
PIN 16	PIN 40	DVI2_HPD
PIN 15	PIN 52	SYNCS
PIN 14	PIN 11	+5V
PIN 11	PIN 42	DVI2_TX1 RTN
PIN 10	PIN 18	DVI2_TX1+
PIN 9	PIN 19	DVI2_TX1-
PIN 7	PIN 9	DVI2_SDA
PIN 6	PIN 10	DVI2_SCL
PIN 3	PIN 41	DVI2_TX2 RTN
PIN 2	PIN 20	DVI2_TX2+
PIN 1	PIN 21	DVI2_TX2-
DVI 2	LFH60	CABLE FUNCTION

EC NO. DRWN: PDAI CHK: APPR:	04/06/11	EC NO. DRWN: METTLE CHK: APPR:	03/03/06	EC NO. DRWN: MACKY CHK: APPR:	02/08/01	EC NO. DRWN: MACKY CHK: APPR:	02/07/03	DESCRIPTION	QUALITY SYMBOLS MAJOR ▼ = 0 CRITICAL ▽ = 5	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.S.T	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	SHT	REV
										mm	INCH						
C		B1		B		A		REV		4 PLACES	<del>±0.</del>	<del>±.</del>					
										3 PLACES	<del>±0.</del>	<del>±.</del>					
										2 PLACES	<del>±0.</del>	<del>±.</del>					
										1 PLACE	<del>±0.</del>	<del>±.</del>					
										ANGULAR: ± °		DRAWN BY & DATE METTLE 03/03/06		TITLE: LFH60(M) TO TWO DVI-D(M) CABLE ASS'Y			
												CHECKED BY & DATE MACKY 03/03/06					
												APPROVED BY & DATE T.WONG 03/03/06		MOLEX INCORPORATED			
										CAD FILENAME S88744BB.S02		MATERIAL NO. SEE TABLE A					
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE A4	

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## MATERIAL LIST:

ITEM	DESCRIPTION	L	QTY.
F	LABEL		1
E	DVI THUMB SCREW (4-40UNC)		4
D	DVI-D SINGLE CHANNEL G/F CONNECTOR		2
C	LFH SCREW (4-40UNC)		2
B	LFH-60 PLUG ASSEMBLY		1
A	DVI-D SINGLE LINK CABLE		2

TABLE A

MX-P/N	DESCRIPTION	LENGTH
88766-7610	LFH60(M) TO TWO DVI-D(M) S/L CABLE 3M	3000±60
88766-7600	LFH60(M) TO TWO DVI-D(M) S/L CABLE 2M	2000±50

## NOTE:1. OVERMOLD SPECIFICATION

1.1 LFH60 BOOT MOLDED WITH BLACK PVC RESIN,UL 94V-0.

1.2 DVI BOOT MOLDED WITH SNOW PVC RESIN,UL 94V-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. PRODUCT ELECTRICAL SPECIFICATION

▽3.1 DIELECTRIC STRENGTH: 500V DC FOR 10mS.

▽3.2 INSULATION RESISTANCE: 100 MEGA Ohms(MIN.).

▽3.3 CONTACT RESISTANCE: 2 Ohms(MAX.).

▽3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms @TDR.

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

3.6 SIGNALS INTRA-PAIR SKEW (PER CABLE): <150 ps.

4. CONNECTOR PLATING: AU FLASH.

5.SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE.

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B	DRWN: MACKY CHK: APPR:	02/08/01			2 PLACES ±0. ±.						
A	DRWN: MACKY CHK: APPR:	02/07/03			1 PLACE ±0. ±.						
REV	DESCRIPTION				ANGULAR: ± °						
						DRAWN BY & DATE METTLE 03/03/06	TITLE: LFH60(M) TO TWO DVI-D(M) CABLE ASS'Y				
						CHECKED BY & DATE MACKY 03/03/06	MOLEX INCORPORATED				
						APPROVED BY & DATE T.WONG 03/03/06					
						CAD FILENAME S88744BB.S03	MATERIAL NO. SEE TABLE A	DRAWING NO. SD-88744-028	SHEET NO. 3 OF 3		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					
						SIZE A4					