



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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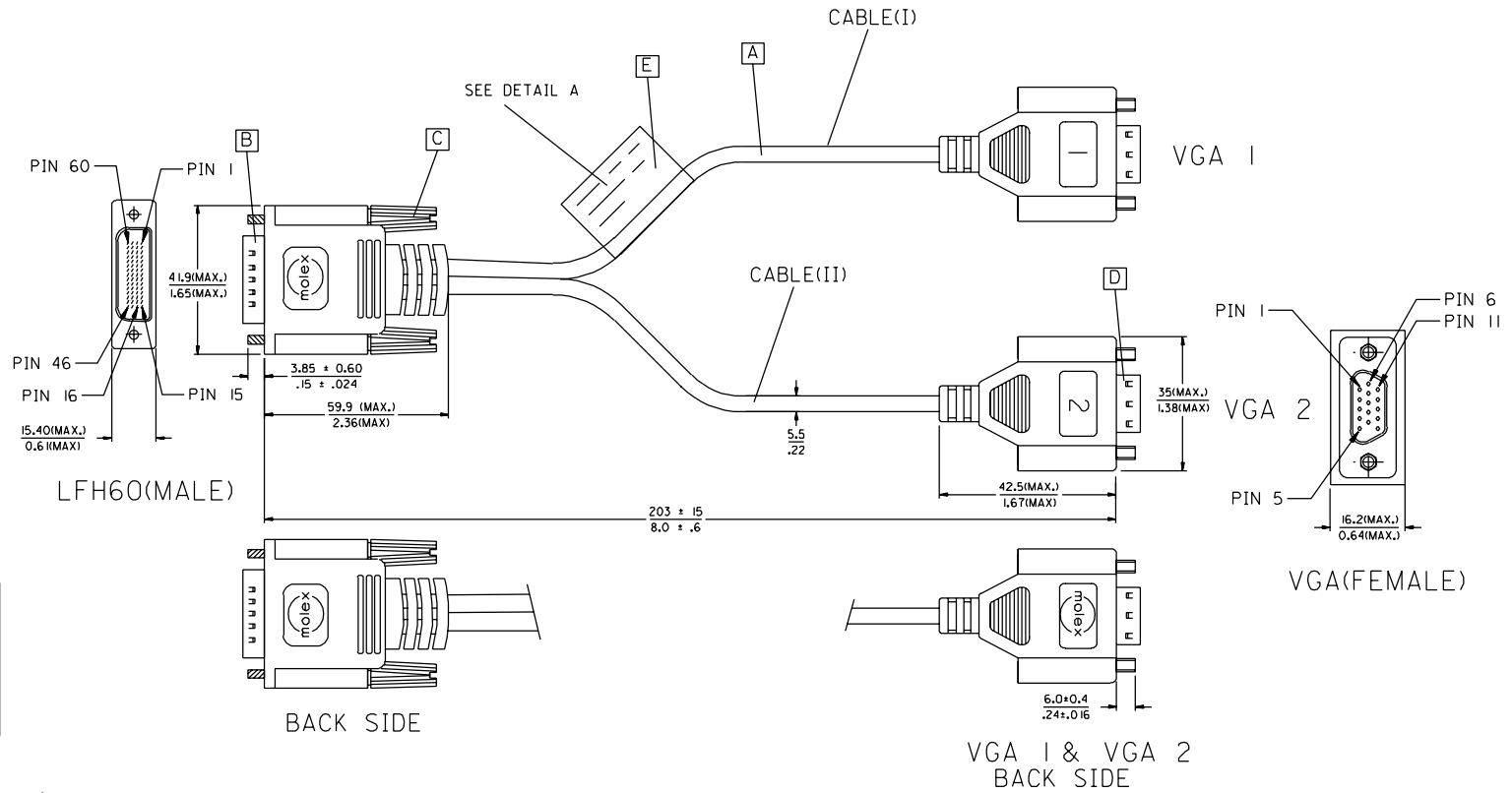
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MOLEX P/N:  
887-6674-00  
REV.D

DETAIL A

EC NO. DRWN: METTLE03/03/06 CHK: APPR:	EC NO. DRWN: K. MA 02/07/22 CHK: APPR:	EC NO. DRWN: K. MA 02/05/27 CHK: APPR:	EC NO. DRWN: K. MA 02/04/10 CHK: APPR:	EC NO. DRWN: K. MA 02/02/08 CHK: APPR:	DESCRIPTION REV	QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE N.S.T	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	SHT REV
D1	D	C2	C1	C		4 PLACES ±0. ±. 3 PLACES ±0. ±. 2 PLACES ±0. ±. 1 PLACE ±0. ±.	mm INCH	DRAWN BY & DATE METTLE 03/03/06	TITLE: LFH60(M) TO TWO VGA(F) ADAPTER CABLE		
						ANGULAR: ± °	CAD FILENAME S88744AZ.S01	MATERIAL NO. 88766-7400	DRAWING NO. SD-88744-002	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 60	PIN 7	GROUND(GREEN)
PIN 59	PIN 2	RGB1_GREEN
PIN 57	PIN 5	GROUND(ANALOG)
PIN 56	PIN 13	RGB1_HSYNC
PIN 55	PIN 14	RGB1_VSYNC
PIN 54	PIN 10	GROUND(SYNCS)
PIN 7	PIN 12	RGB1_SDA(DDC DATA)
PIN 6	PIN 15	RGB1_SCL(DDC CLOCK)
PIN 5	PIN 9	+5V
PIN 4	PIN 8	GROUND(BLUE)
PIN 3	PIN 3	RGB1_BLUE
PIN 2	PIN 1	RGB1_RED
PIN 1	PIN 6	GROUND(RED)
LFH60	VGA1	CABLE FUNCTION

SHIELD	SHIELD	GROUND
PIN 46	PIN 7	GROUND(GREEN)
PIN 47	PIN 2	RGB2_GREEN
PIN 49	PIN 5	GROUND(ANALOG)
PIN 50	PIN 13	RGB2_HSYNC
PIN 51	PIN 14	RGB2_VSYNC
PIN 52	PIN 10	GROUND(SYNCS)
PIN 9	PIN 12	RGB2_SDA(DDC DATA)
PIN 10	PIN 15	RGB2_SCL(DDC CLOCK)
PIN 11	PIN 9	+5V
PIN 12	PIN 8	GROUND(BLUE)
PIN 13	PIN 3	RGB2_BLUE
PIN 14	PIN 1	RGB2_RED
PIN 15	PIN 6	GROUND(RED)
LFH60	VGA2	CABLE FUNCTION

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						MAJOR ▼ = CRITICAL ▽ =	4 PLACES ±0. ±. 3 PLACES ±0. ±. 2 PLACES ±0. ±. 1 PLACE ±0. ±.	mm INCH	DRAWN BY & DATE METTLE 03/03/06	TITLE: LFH60(M) TO TWO VGA(F) ADAPTER CABLE			
D1	D	C2	C1	C		ANGULAR: ± °				MOLEX INCORPORATED			
						CAD FILENAME S88744AZ.S02	MATERIAL NO. 88766-7400	DRAWING NO. SD-88744-002	SHEET NO. 2 OF 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE A4

NOTE:1. OVERMOLD SPECIFICATION

- 1.1 LFH60 BOOT MOLDED WITH BLACK PVC RESIN, UL94V-0.
- 1.2 VGA BOOT MOLDED WITH BLUE 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 ASSEMBLY ELECTRICAL SPECIFICATION
  - ▽3.1 HI-POT VOLTAGE: 500VDC FOR 10ms.
  - ▽3.2 INSULATION RESISTANCE: 100 MEGA Ohms PER MIN.
  - ▽3.3 CONNECTION RESISTANCE: 2 Ohms MAX.
  - ▽3.4 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75 ±10% Ohms @TDR 200 PSEC RISE TIME.
  - 3.5 WRAP COPPER TAPE OVER BRAID, THEN CRIMP THE METAL CAN ON COPPER TAPE WITH 360°.
- 4. CONNECTOR PLATING: 0.000030" GOLD PLATING.
- 5. SCREW SPEC.: 4-40 UNC.

MATERIAL LIST:

E	LABEL	1
D	VGA D-SUB CONNECTOR(FEMALE)	2
C	LFH THUMB SCREW 4-40 UNC	2
B	LFH-60 PLUG ASSEMBLY	1
A	DVI ANALOG CABLE BLACK	2
ITEM	DESCRIPTION	

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						4 PLACES ±0. ±.	3 PLACES ±0. ±.	2 PLACES ±0. ±.	1 PLACE ±0. ±.	ANGULAR: ± °	DRAWN BY & DATE METTLE 03/03/06	TITLE: LFH60(M) TO TWO VGA(F) ADAPTER CABLE		REVISION ON CAD ONLY
								CHECKED BY & DATE MACKY 03/03/06	APPROVED BY & DATE T.WONG 03/03/06				MOLEX INCORPORATED	
								CAD FILENAME S88744AZ.S03	MATERIAL NO. 88766-7400	DRAWING NO. SD-88744-002	SHEET NO. 3 OF 3		SIZE A4	
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