

Excellent Integrated System Limited

Stocking Distributor

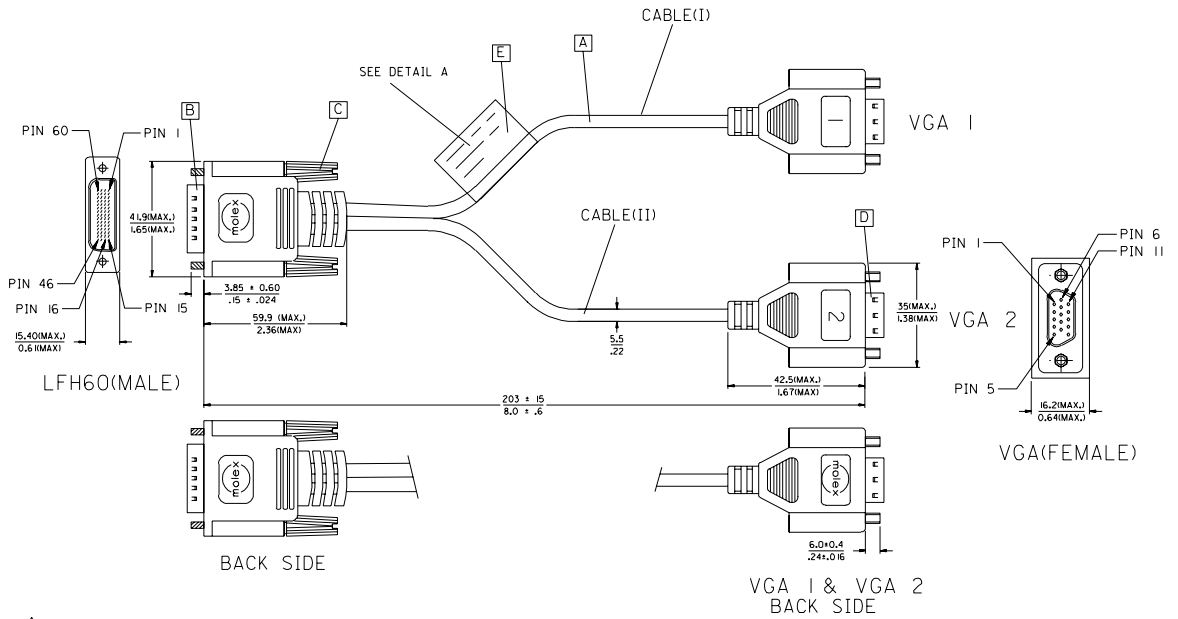
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[Molex Connector Corporation](#)
[0887667400](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

6 5 4 3 2 1



EC NO. D1 DRWN: METTLE 03/03/06 CHK: APPR:	EC NO. D DRWN: K. MA 02/07/22 CHK: APPR:	EC NO. C2 DRWN: K. MA 02/05/27 CHK: APPR:	EC NO. C1 DRWN: K. MA 02/04/10 CHK: APPR:	EC NO. C DRWN: K. MA 02/02/08 CHK: APPR:	REV	DESCRIPTION	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	SHT REVISE ON CAD ONLY	REV															
<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±0.1</td> <td>±.</td> </tr> <tr> <td>3 PLACES</td> <td>±0.1</td> <td>±.</td> </tr> <tr> <td>2 PLACES</td> <td>±0.1</td> <td>±.</td> </tr> <tr> <td>1 PLACE</td> <td>±0.1</td> <td>±.</td> </tr> </tbody> </table>									mm	INCH	4 PLACES	±0.1	±.	3 PLACES	±0.1	±.	2 PLACES	±0.1	±.	1 PLACE	±0.1	±.	DRAWN BY & DATE METTLE 03/03/06		TITLE: LFH60(M) TO TWO VGA(F) ADAPTER CABLE		SHEET NO. 1 OF 3	
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mm	INCH																											
ANGULAR: ±	0																											
CAD FILENAME S88744Z.S01								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.																				

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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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							DRAWN BY & DATE METTLE 03/03/06	CHECKED BY & DATE MACKY 03/03/06	APPROVED BY & DATE T.WONG 03/03/06	CAD FILENAME S88744A.Z.S02	MATERIAL NO. 88766-7400
DESCRIPTION						TITLE: LFH60(M) TO TWO VGA(F) ADAPTER CABLE					
REV						MOLEX INCORPORATED					
WBORD_A,BOR REV A 97/05/14 LEVEL 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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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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D1	D	C2	C1	C	DESCRIPTION REV	ANGULAR: ± 0		CAD FILENAME S88744AZ.S03	APPROVED BY & DATE T.WONG 03/03/06		MATERIAL NO. 88766-7400	
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97/05/14 LEVEL 3