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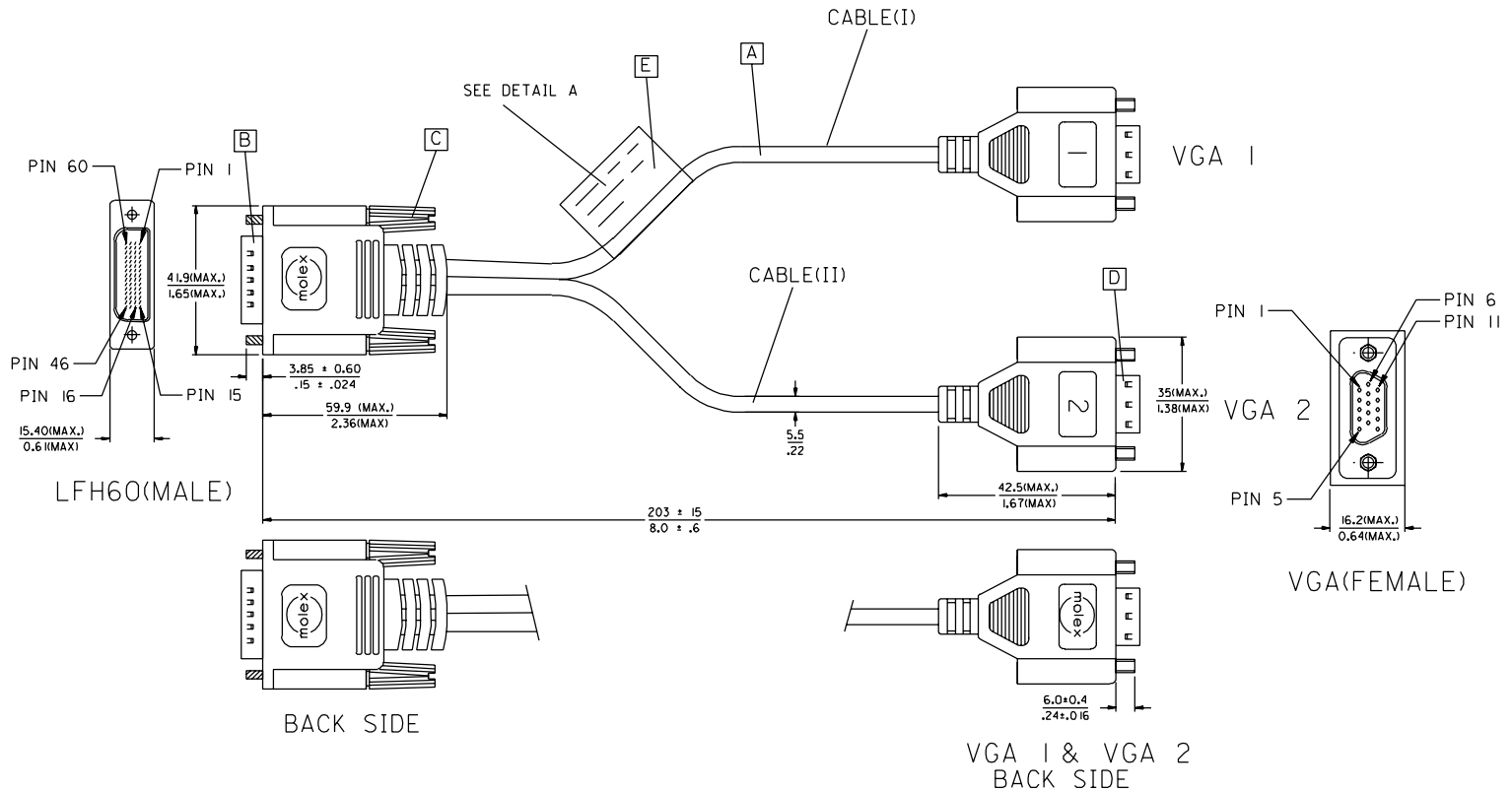
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MOLEX P/N:  
887-6674-00  
REV.D

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		REVISION ON CAD ONLY
						ANGULAR: ± °		APPROVED BY & DATE T.WONG 02/07/22	MATERIAL NO. 88766-7400		REVISE ON CAD ONLY
								CAD FILENAME S88744AZ.S01	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

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	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 INCH <input type="checkbox"/> mm ONLY	SHT	REV
						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: ±     °			<input type="checkbox"/> mm INCH <input type="checkbox"/> mm ONLY	<input type="checkbox"/> mm INCH <input type="checkbox"/> mm ONLY			
						CAD FILENAME S88744AZ.S02	MATERIAL NO. 88766-7400	DRAWING NO. SD-88744-002	SHEET NO. 2 OF 3		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 RISETIME.

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:

ITEM	DESCRIPTION	
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

EC NO.	DRWN:	CH'K:	APPR:	EC NO.	DRWN:	CH'K:	APPR:	EC NO.	DRWN:	CH'K:	APPR:	EC NO.	DRWN:	CH'K:	APPR:	EC NO.	DRWN:	CH'K:	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 checked="" type="checkbox"/> mm INCH <input type="checkbox"/> mm ONLY	SHT	REV
D1	METTLE03/03/06			D	K. MA			C2	K. MA			C1	K. MA			C	K. MA				MAJOR ▼ = CRITICAL ▽ =	4 PLACES ±0. <del>±.</del> 3 PLACES ±0. <del>±.</del> 2 PLACES ±0. <del>±.</del> 1 PLACE ±0. <del>±.</del>	mm INCH	mm INCH	<input checked="" type="checkbox"/> <input type="checkbox"/>			
																						DRAWN BY & DATE METTLE 03/03/06	TITLE: LFH60(M) TO TWO VGA(F) ADAPTER CABLE					
																						CHECKED BY & DATE MACKY 03/03/06	MOLEX INCORPORATED					
																						APPROVED BY & DATE T.WONG 03/03/06						
																						CAD FILENAME S88744AZ.S03	MATERIAL NO. 88766-7400	DRAWING NO. SD-88744-002	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		

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97/05/14 LEVEL 3