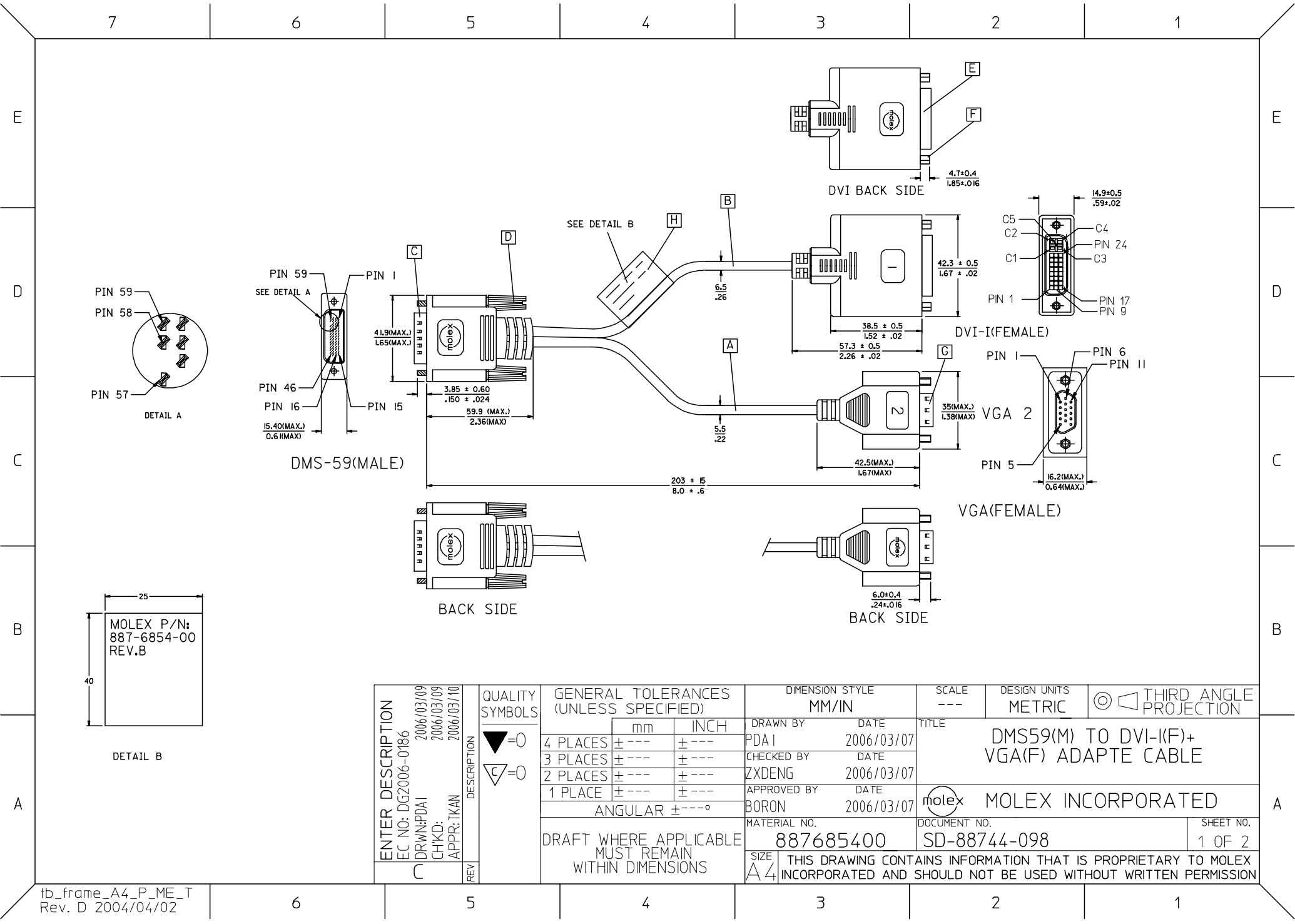




ENTER DESCRIPTION EC NO: DG2006-0186 DRWN:PDAI CHKD: APPR:TKAN		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY	DATE	TITLE DMS59(M) TO DVI-I(F)+ VGA(F) ADAPTE CABLE				
				4 PLACES	± ---	± ---	PDAI	2006/03/07					
				3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
				2 PLACES	± ---	± ---	ZXDENG	2006/03/07					
1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-88744-098								
ANGULAR ± ---°			BORON	2006/03/07						SHEET NO. 1 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. 887685400		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
		SIZE A4											

	7	6	5	4	3	2	1			
E	WIRING DIAGRAM:			NOTE:1.OVERMOLD SPECIFICATION				E		
D	SHIELD	SHIELD	GROUND	SHIELD	SHIELD	GROUND	1.1 DMS-59 BOOT MOLDED WITH SNOW WHITE PVC RESIN, UL94V-0.			
	C5	PIN 1,4,59	GROUND(RED, BLUE, GREEN)	PIN 15	PIN 10	VGA_SCL	1.2 VGA BOOT MOLDED WITH BLUE PVC RESIN, UL94V-0.			
	C4	PIN 56	VGA1_HSYNC	PIN 14	PIN 51	VGA_VSYNC	1.3 DVI-I BOOT MOLDED WITH SNOW WHITE PVC RESIN: , UL94V-0.			
	C3	PIN 3	VGA1_BLUE	PIN 13	PIN 50	VGA_HSYNC	2. MECHANICAL SPECIFICATION			
	C2	PIN 58	VGA1_GREEN	PIN 12	PIN 9	VGA_SDA	▽ 2.1 CABLE SHOULD STAND THE PULL FORCE 89-11IN FOR 30 SECONDS			
	C1	PIN 2	VGA1_RED	PIN 10	PIN 52	GROUND(SYNCS)	WITH NO VISIBLE TERMINATION DAMAGE.			
	PIN 23	PIN 31	DVI1_TXC+	PIN 9	PIN 11	+5V	2.2 CABLE SHOULD PASS THE FLEX TEST IN 100 CYCLES AT EACH			
	PIN 24	PIN 32	DVI1_TXC-	PIN 8	PIN 12	GROUND(BLUE)	OF PLANES, PER EIA 364-41, CONDITION I.			
	PIN 22	PIN 57	DVI1_TXC RTN	PIN 7	PIN 46	GROUND(GREEN)	3. CABLE ASSEMBLY ELECTRICAL SPECIFICATION			
	PIN 19	PIN 33	DVI1_TX0 RTN	PIN 6	PIN 15	GROUND(RED)	▽ 3.1 HI-POT VOLTAGE: 300VDC FOR 10ms.			
C	PIN 18	PIN 29	DVI1_TX0+	PIN 5	PIN 49	GROUND(ANALOG)	▽ 3.2 INSULATION RESISTANCE: 20 MEGA Ohms PER MIN.			
	PIN 17	PIN 30	DVI1_TX0-	PIN 3	PIN 13	VGA_BLUE	▽ 3.3 CONNECTION RESISTANCE: 2 Ohms MAX.			
	PIN 16	PIN 36	DVI1_HPD	PIN 2	PIN 47	VGA_GREEN	▽ 3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms.			
	PIN 15	PIN 54	GROUND	PIN 1	PIN 14	VGA_RED	@TDR 200 PSEC RISETIME.			
	PIN 14	PIN 5	+5V	VGA2	DMS-59	CABLE FUNCTION	▽ 3.5 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75±10% Ohms @TDR			
	PIN 11	PIN 34	DVI1_TX1 RTN				200 PSEC RISETIME.			
	PIN 10	PIN 27	DVI1_TX1+				3.6 WRAP COPPER TAPE OVER BRAID, THEN CRIMP THE METAL CAN ON			
	PIN 9	PIN 28	DVI1_TX1-				COPPER TAPE WITH 360°.			
	PIN 8	PIN 55	VGA1_VSYNC				4. CONNECTOR PLATING: GOLD FLASH PLATING.			
	PIN 7	PIN 7	DVI1_DDC_DATA				5. SCREW SPEC.: 4-40 UNC.			
B	PIN 6	PIN 6	DVI1_DDC_CLOCK							
	PIN 3	PIN 35	DVI1_TX2 RTN							
	PIN 2	PIN 25	DVI1_TX2+							
	PIN 1	PIN 26	DVI1_TX2-							
	DVI_I	DMS-59	CABLE FUNCTION							
A	MATERIAL LIST:									
	H	LABEL		I						
	G	VGA D-SUB CONNECTOR(FEMALE)		I						
	F	DVI(F) JACK SCREW		2						
	E	DVI-I FEMALE CONNECTOR		I						
	D	LFH THUMB SCREW 4-40 UNC		2						
	C	DMS-59 PLUG ASSY(NATURE)		I						
	B	DVI-A/D CABLE BLACK		I						
	A	DVI ANALOG CABLE BLACK		I						
	ITEM	DESCRIPTION		QTY.						
ENTER DESCRIPTION EC NO: DG2006-0186 DRWN:PDAI CHKD: APPR:TKAN			2006/03/09 2006/03/09 2006/03/10	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN DRAWN BY DATE PDAI 2006/03/07 CHECKED BY DATE ZXDENG 2006/03/07 APPROVED BY DATE BORON 2006/03/07 MATERIAL NO. 887685400	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE DMS59(M) TO DVI-I(F)+ VGA(F) ADAPTE CABLE MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-88744-098	SHEET NO. 2 OF 2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
tb_frame_A4_P_ME_T Rev. D 2004/04/02		6	5	4	3	2	1			