



MOLEX P/N:
68805-0001
REV.A

DETAIL C

EC NO: DG2006-0071 2005/10/13 DRWN:PDAI 2005/10/13 CHYD: APPR:KAN 2005/10/13 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	MM ONLY	---	METRIC	
		mm	INCH																		
	4 PLACES	±---	±---																		
3 PLACES	±---	±---																			
2 PLACES	±---	±---																			
1 PLACE	±---	±---																			
	ANGULAR ±1/2°																				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY: PDAI DATE: 2005/10/06 CHECKED BY: PDAI DATE: 2005/10/06 APPROVED BY: ZXDENG DATE: 2005/10/06	TITLE: DMS59 TO DUAL DVI-I ADAPTER CABLE MOLEX INCORPORATED																	
			MATERIAL NO.: 68805-0001 SIZE: A4	DOCUMENT NO.: SD-68805-001	SHEET NO.: 1 OF 3																

7 6 5 4 3 2 1

CONNECTION DIAGRAM:

SHIELD	SHIELD	GROUND	BRAID(RED, GREEN,BLUE)
C5	PIN 1,4&59	GROUND (RED, BLUE, GREEN)	BRAID(RED, GREEN,BLUE)
C4	PIN 56	VGA1_HSYNC	BROWN
C3	PIN 3	VGA1_BLUE	BLUE COAX.
C2	PIN 58	VGA1_GREEN	GREEN COAX.
C1	PIN 2	VGA1_RED	RED COAX.
PIN 24	PIN 32	DVI1_TXC-	WHITE
PIN 23	PIN 31	DVI1_TXC+	BROWN
PIN 22	PIN 57	DVI1_TXC RTN	BRAID
PIN 19	PIN 33	DVI1_TX0 RTN	BRAID
PIN 18	PIN 29	DVI1_TX0+	BLUE
PIN 17	PIN 30	DVI1_TX0-	WHITE
PIN 16	PIN 36	DVI1_HPD	GREY
PIN 15	PIN 54	SYNCS	ORANGE
PIN 14	PIN 5	+5V	YELLOW
PIN 11	PIN 34	DVI1_TX1 RTN	BRAID
PIN 10	PIN 27	DVI1_TX1+	GREEN
PIN 9	PIN 28	DVI1_TX1-	WHITE
PIN 8	PIN 55	VGA1_VSYNC	BLACK
PIN 7	PIN 7	DVI1_COC_DATA	RED
PIN 6	PIN 6	DVI1_COC_CLOCK	VIOLET
PIN 3	PIN 35	DVI1_TX2 RTN	BRAID
PIN 2	PIN 25	DVI1_TX2+	RED
PIN 1	PIN 26	DVI1_TX2-	WHITE
DVI-I 1	DMS-59	CABLE FUNCTION	WIRE COLOR

SHIELD	SHIELD	GROUND	BRAID(RED, GREEN,BLUE)
C5	PIN 12,15&46	GROUND (BLUE, RED, GREEN)	BRAID(RED, GREEN,BLUE)
C4	PIN 50	VGA2_HSYNC	BROWN
C3	PIN 13	VGA2_BLUE	BLUE COAX.
C2	PIN 47	VGA2_GREEN	GREEN COAX.
C1	PIN 14	VGA2_RED	RED COAX.
PIN 24	PIN 44	DVI2_TXC-	WHITE
PIN 23	PIN 45	DVI2_TXC+	BROWN
PIN 22	PIN 49	DVI2_TXC RTN	BRAID
PIN 19	PIN 43	DVI2_TX0 RTN	BRAID
PIN 18	PIN 16	DVI2_TX0+	BLUE
PIN 17	PIN 17	DVI2_TX0-	WHITE
PIN 16	PIN 40	DVI2_HPD	GREY
PIN 15	PIN 52	SYNCS	ORANGE
PIN 14	PIN 11	+5V	YELLOW
PIN 11	PIN 42	DVI2_TX1 RTN	BRAID
PIN 10	PIN 18	DVI2_TX1+	GREEN
PIN 9	PIN 19	DVI2_TX1-	WHITE
PIN 8	PIN 51	VGA2_VSYNC	BLACK
PIN 7	PIN 9	DVI2_COC_DATA	RED
PIN 6	PIN 10	DVI2_COC_CLOCK	VIOLET
PIN 3	PIN 41	DVI2_TX2 RTN	BRAID
PIN 2	PIN 20	DVI2_TX2+	RED
PIN 1	PIN 21	DVI2_TX2-	WHITE
DVI-I 2	DMS-59	CABLE FUNCTION	WIRE COLOR

EC NO: DG2006-0071 DRWN:PDAI CHYD: APPR:KAN A	2005/10/13 2005/10/13 2005/10/13 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0 ▽=0	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±1/2°	MM ONLY	---	METRIC	DRAWN BY PDAI DATE 2005/10/06 CHECKED BY PDAI DATE 2005/10/06 APPROVED BY ZXDENG DATE 2005/10/06	TITLE DMS59 TO DUAL DVI-I ADAPTER CABLE
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 68805-0001	DOCUMENT NO. SD-68805-001	SHEET NO. 2 OF 3	MOLEX INCORPORATED	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

ib_frame_A4_P_ME_T
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6 5 4 3 2 1

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NOTE:
 1. OVERMOLD SPECIFICATION:
 1.1 DMS-59 BOOT MOLDED WITH SNOW WHITE PVC RESIN 887800042; UL94V-0.
 1.2 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN 887800076;UL94V-0.
 2. ALL MATERIAL MUST MEET MX RoHS COMPLIANCE.

MATERIAL LIST:

L	LABEL 887804381		1
K	FERRULE 737720001		2
J	DVI THUMB SCREW 887806129		4
I	PCB 887899569/887899570		2
H	LFH METAL CAN 887899391		1
G	(DMS-59) 14 Ckt Insr Mid Male Cont Trim 709841099		1
F	LFH INS MLD STRIP W/O CARRIER GF 15CKT 709841014		3
E	DVI CAN 743260011/743260012		2
D	DVI_I MALE CONNECTOR 743230031		2
C	LFH SCREW 717571001		2
B	LFH ASSY 751351000		1
A	DVI-A/D CABLE OD:6.5MM 887808349	203(REF.)	2
ITEM	DESCRIPTION	L	QTY.

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	▽=0	4 PLACES ±---	±---	CHECKED BY PDAI	DATE 2005/10/06	MOLEX INCORPORATED		
		3 PLACES ±---	±---	APPROVED BY ZXDENG	DATE 2005/10/06	MATERIAL NO. 68805-0001	DOCUMENT NO. SD-68805-001	SHEET NO. 3 OF 3
		2 PLACES ±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
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		ANGULAR ±1/2°						

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