

7

6

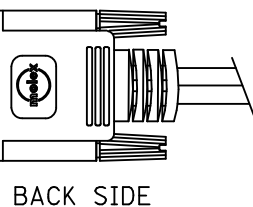
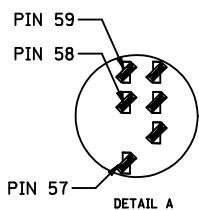
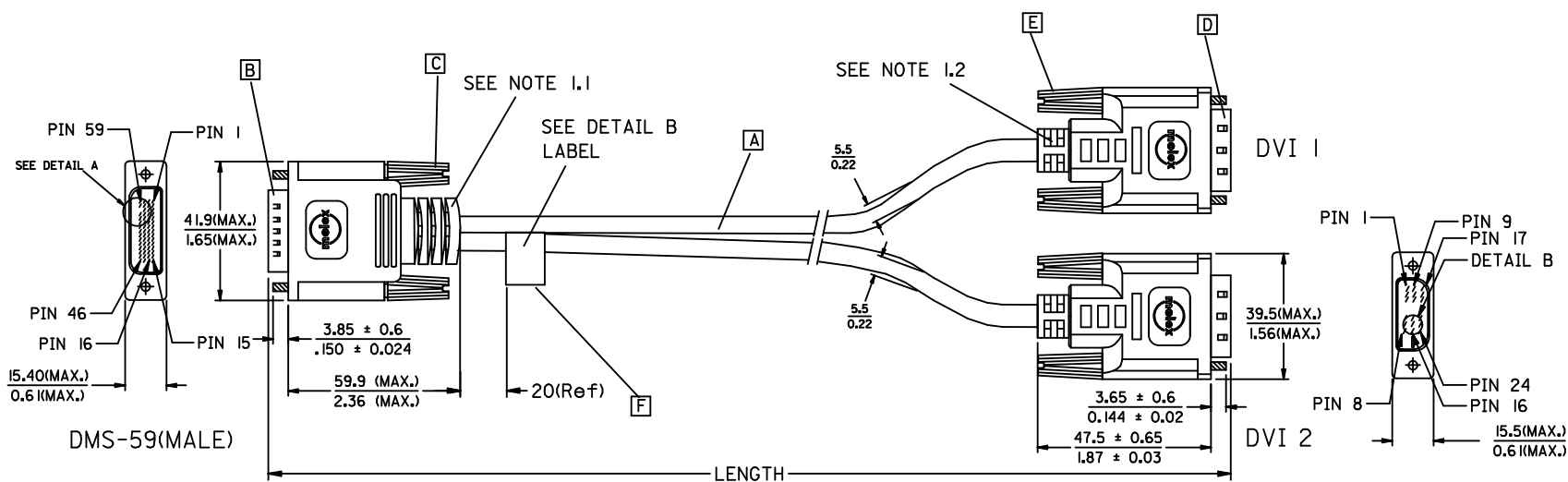
5

4

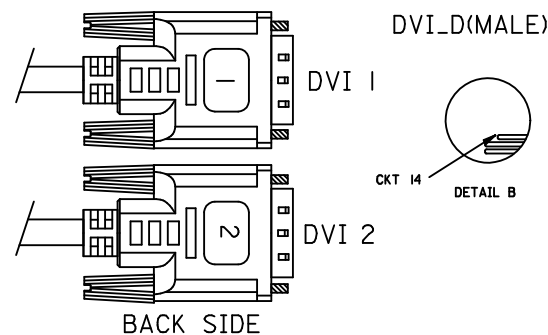
3

2

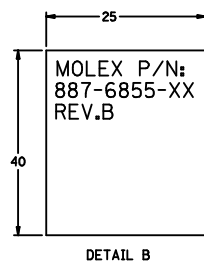
1



BACK SIDE



BACK SIDE



DETAIL B

ENTER DESCRIPTION
EC NO: DG2008-0035
DRWN: JLIU13
CHKD: BLAU
APPR: BLAU

DESCRIPTION
REV
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
JLIU13	2007/11/07
CHECKED BY	DATE
BLAU	2007/11/07
APPROVED BY	DATE
BLAU	2007/11/07

MATERIAL NO.
SIZE
A 4

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE
DMS59(M) TO TWO DVI-D(M)
CABLE ASS'Y

MOLEX INCORPORATED

DOCUMENT NO.
SD-88744-099

SHEET NO.
1 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

6

5

4

3

2

1

WIRING DIAGRAM:

SHIELD	SHIELD	GROUND
PIN 24	PIN 32	DVI1_TXC-
PIN 23	PIN 31	DVI1_TXC+
PIN 22	PIN 57	DVI1_TXC RTN
PIN 19	PIN 33	DVI1_TX0 RTN
PIN 18	PIN 29	DVI1_TX0+
PIN 17	PIN 30	DVI1_TX0-
PIN 16	PIN 36	DVI1_HPD
PIN 15	PIN 54	SYNCS
PIN 14	PIN 5	+5V
PIN 11	PIN 34	DVI1_TX1 RTN
PIN 10	PIN 27	DVI1_TX1+
PIN 9	PIN 28	DVI1_TX1-
PIN 7	PIN 7	DVI1_SDA
PIN 6	PIN 6	DVI1_SCL
PIN 3	PIN 35	DVI1_TX2 RTN
PIN 2	PIN 25	DVI1_TX2+
PIN 1	PIN 26	DVI1_TX2-
DVI 1	DMS59	CABLE FUNCTION

SHIELD	SHIELD	GROUND
PIN 24	PIN 44	DVI2_TXC-
PIN 23	PIN 45	DVI2_TXC+
PIN 22	PIN 49	DVI2_TXC RTN
PIN 19	PIN 43	DVI2_TX0 RTN
PIN 18	PIN 16	DVI2_TX0+
PIN 17	PIN 17	DVI2_TX0-
PIN 16	PIN 40	DVI2_HPD
PIN 15	PIN 52	SYNCS
PIN 14	PIN 11	+5V
PIN 11	PIN 42	DVI2_TX1 RTN
PIN 10	PIN 18	DVI2_TX1+
PIN 9	PIN 19	DVI2_TX1-
PIN 7	PIN 9	DVI2_SDA
PIN 6	PIN 10	DVI2_SCL
PIN 3	PIN 41	DVI2_TX2 RTN
PIN 2	PIN 20	DVI2_TX2+
PIN 1	PIN 21	DVI2_TX2-
DVI 2	DMS59	CABLE FUNCTION

ENTER DESCRIPTION

EC NO: DG2008-0035
DRWN: JLIU13
CHKD: BLAU
APPR: BLAU

2007/11/07
2007/11/16

DESCRIPTION

REV

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
JLIU13	2007/11/07
CHECKED BY	DATE
BLAU	2007/11/07
APPROVED BY	DATE
BLAU	2007/11/07

MATERIAL NO.

SEE TABLE A

SIZE

A 4

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

DMS59(M) TO TWO DVI-D(M)
CABLE ASS'Y

MOLEX INCORPORATED

DOCUMENT NO.

SD-88744-099

SHEET NO.

2 OF 3

MATERIAL LIST:

F	LABEL	I
E	DVI THUMB SCREW (4-40UNC)	4
D	DVI_D SINGLE CHANNEL G/F CONNECTOR	2
C	LFH SCREW (4-40UNC)	2
B	DMS-59 PLUG ASSY(NATURE)	1
A	DVI-D SINGLE LINK CABLE	2
ITEM	DESCRIPTION	QTY.

TABLE A

88768-5510	DMS59(M) TO TWO DVI-D(M) S/L CABLE 3M	3000±60
88768-5500	DMS59(M) TO TWO DVI-D(M) S/L CABLE 2M	2000±50
MX-P/N	DESCRIPTION	LENGTH

NOTE:1. OVERMOLD SPECIFICATION

- 1.1 DMS59 BOOT MOLDED WITH SNOW WHITE PVC RESIN,UL 94V-0.
- 1.2 DVI BOOT MOLDED WITH SNOW WHITE PVC RESIN,UL 94V-0.
2. MECHANICAL SPECIFICATION
- ▽2.1 CABLE SHOULD STAND THE PULL FORCE 89-11IN 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. PRODUCT ELECTRICAL SPECIFICATION
- ▽3.1 DIELECTRIC STRENGTH: 300V DC FOR 10mS.
- ▽3.2 INSULATION RESISTANCE: 20 MEGA Ohms(MIN.).
- ▽3.3 CONTACT RESISTANCE: 2 Ohms(MAX.).
- ▽3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms @TDR.
- 3.5 SIGNALS CROSSTALK(FEXT): 5% (MAX.) PER ANSI/EIA-364-90.
- 3.6 SIGNALS INTRA-PAIR SKEW (PER CABLE): <150 ps.
- 4.CONNECTOR PLATING: AU FLASH PLATING.
- 5.SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE.
- 6.SCREW SPEC.:4-40 UNC.

ENTER DESCRIPTION EC NO: DG2008-0035 DRWN: JLIU13 CHKD:BLAU APPR:BLAU C1		DESCRIPTION 2007/11/07 2007/11/16 2007/12/07	REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 				
						mm	INCH	DRAWN BY JLIU13	DATE 2007/11/07	TITLE DMS59(M) TO TWO DVI-D(M) CABLE ASS'Y						
					4 PLACES	± ---	± ---	CHECKED BY BLAU	DATE 2007/11/07							
					3 PLACES	± ---	± ---	APPROVED BY BLAU	DATE 2007/11/07							
					2 PLACES	± ---	± ---	ANGULAR ± ---°		MATERIAL NO. SEE TABLE A		DOCUMENT NO. SD-88744-099		SHEET NO. 3 OF 3		
					1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											