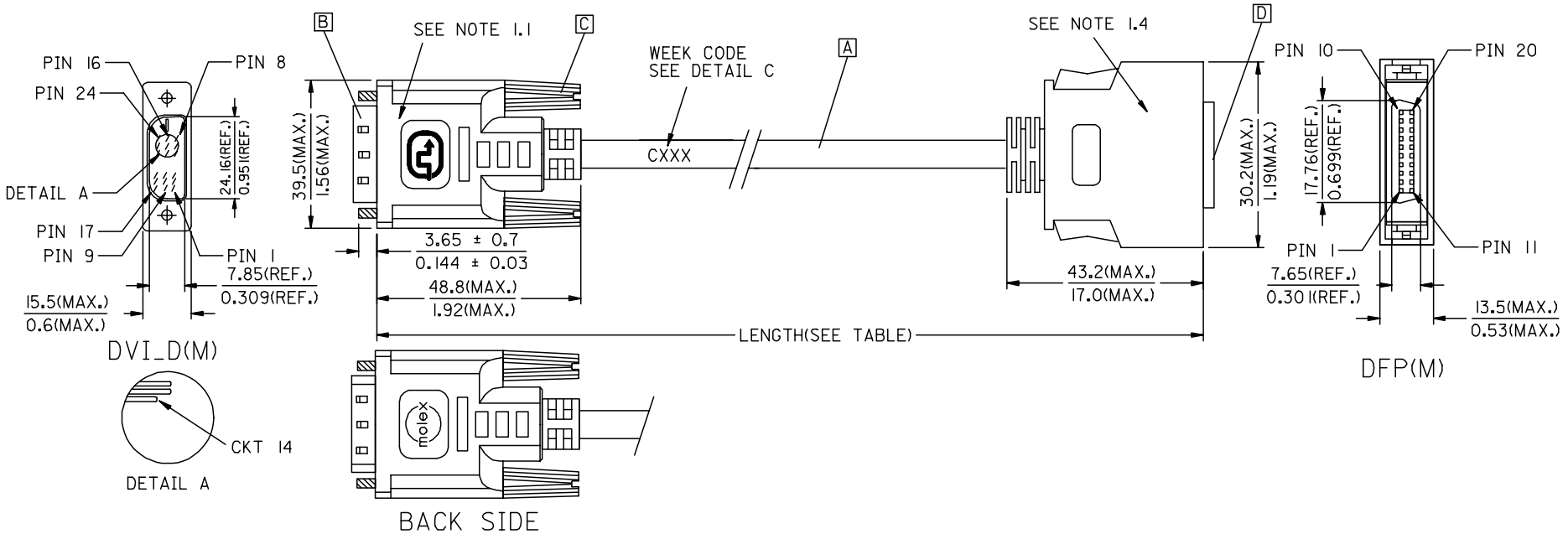


CXXX
- WEEK NO. FOR YEAR.
- YEAR NO.
- "C" FOR MOLEX CHINA

DETAIL C

MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
88741-8621	DVI_D-DFP DIGITAL CABLE ASS'Y 5M PARCHMENT WHT	5000 ± 150 / 196.9 ± 5.9	PARCHMENT WHITE	887808287
88741-8611	DVI_D-DFP DIGITAL CABLE ASS'Y 3M PARCHMENT WHT	3000 ± 80 / 118.1 ± 3.1	PARCHMENT WHITE	887808287
88741-8601	DVI_D-DFP DIGITAL CABLE ASS'Y 2M PARCHMENT WHT	2000 ± 60 / 78.7 ± 2.4	PARCHMENT WHITE	887808827
88741-8620	DVI_D-DFP DIGITAL CABLE ASS'Y 5M BLK	5000 ± 150 / 196.9 ± 5.9	BLACK	887808276
88741-8610	DVI_D-DFP DIGITAL CABLE ASS'Y 3M BLK	3000 ± 80 / 118.1 ± 3.1	BLACK	887808276
88741-8600	DVI_D-DFP DIGITAL CABLE ASS'Y 2M BLK	2000 ± 60 / 78.7 ± 2.4	BLACK	887808276

ENTER DESCRIPTION
EC NO: DG2006-0186 2006/03/09
DRWN:PDAI 2006/03/09
CH'KD: 2006/03/10
APPR: TKAN
DESCRIPTION
G
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
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	PDAI	2006/03/07
CHECKED BY	ZXDENG	2006/03/07
APPROVED BY	BORON	2006/03/07

TITLE: DVI_D-DFP DIGITAL CBL

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-88741-007
SHEET NO.: 1 OF 2

SIZE A4

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

NOTE: 1. OVERMOLD SPECIFICATION

1.1 DVI BOOT MOLDED WITH SONW WHITE PVC RESIN P/N IS 887800076.

1.2 UL94V-0, COLOR: MAD432

1.3 HARDNESS (DUROMETER): SHORE A 90-95

1.4 DFP BOOT MOLDED WITH UL94V-0 ABS.

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 I.

3. CABLE ELECTRICAL SPECIFICATION

3.1 DIELECTRIC STRENGTH: 300VDC FOR 10mS.

3.2 INSULATION RESISTANCE: 20 MEGA Ohms

3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

4.1 REFER TO PRODUCT SPEC. PS-74320-001.

4.2 CONTACT PLATING: AU FLASH.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6 . CONNECTION DIAGRAM

SHIELD	SHIEDL	GROUND
PIN 24	PIN 6	TMDS CLOCK-
PIN 23	PIN 5	TMDS CLOCK+
PIN 22	PIN 4	TMDS CLOCK SHIELD
PIN 19	PIN 14	TMDS DATA 0 SHIELD
PIN 18	PIN 15	TMDS DATA 0+
PIN 17	PIN 16	TMDS DATA 0-
PIN 16	PIN 18	HOT PLUG DETECT
PIN 15	PIN 7	GROUND(+5V & HV SYNC.)
PIN 14	PIN 8	POWER +5V
PIN 11	PIN 3	TMDS DATA 1 SHIELD
PIN 10	PIN 1	TMDS DATA 1+
PIN 9	PIN 2	TMDS DATA 1-
PIN 7	PIN 19	DDC DATA
PIN 6	PIN 20	DDC CLOCK
PIN 3	PIN 13	TMDS DATA 2 SHIELD
PIN 2	PIN 11	TMDS DATA 2+
PIN 1	PIN 12	TMDS DATA 2-
DVI_D	DFP	CABLE FUNCTION

7 . MATERIAL LIST

ITEM	DESCRIPTION
D	MDR 20 CONNECTOR(ACON) 887899280
C	DVI THUMB SCREW 887806077
B	DVI_D SINGLE CHANNEL G/F CONNECTOR 743230101
A	DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)

ENTER DESCRIPTION
EC NO: DG2006-0186 2006/03/09
DRWN:PDAI 2006/03/09
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DESCRIPTION
REV G

QUALITY SYMBOLS
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GENERAL TOLERANCES (UNLESS SPECIFIED)

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DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: PDAI DATE: 2006/03/07
CHECKED BY: ZXDENG DATE: 2006/03/07
APPROVED BY: BORON DATE: 2006/03/07
MATERIAL NO.: SEE TABLE

TITLE: DVI_D-DFP DIGITAL CBL

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-88741-007
SHEET NO.: 2 OF 2

SIZE A4

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