



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

DETAIL C

8874I-862I	DVI_D-DFP DIGITAL CABLE ASS'Y 5M PARCHMENT WHT	5000 ± 150 196.9 ± 5.9	PARCHMENT WHITE	887808287
8874I-861I	DVI_D-DFP DIGITAL CABLE ASS'Y 3M PARCHMENT WHT	3000 ± 80 118.1 ± 3.1	PARCHMENT WHITE	887808287
8874I-860I	DVI_D-DFP DIGITAL CABLE ASS'Y 2M PARCHMENT WHT	2000 ± 60 78.7 ± 2.4	PARCHMENT WHITE	887808827
8874I-8620	DVI_D-DFP DIGITAL CABLE ASS'Y 5M BLK	5000 ± 150 196.9 ± 5.9	BLACK	887808276
8874I-8610	DVI_D-DFP DIGITAL CABLE ASS'Y 3M BLK	3000 ± 80 118.1 ± 3.1	BLACK	887808276
8874I-8600	DVI_D-DFP DIGITAL CABLE ASS'Y 2M BLK	2000 ± 60 78.7 ± 2.4	BLACK	887808276
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N

EC NO. C2000-1078 DRWN: BING 00/07/10 CHK: KL WONG 00/07/10 APPR: KLLI 00/07/10	EC NO. C2000-0801 DRAWN: JUDY 00/06/01 CHK: KL WONG 00/06/01 APPR: KING SUN 00/06/01	EC NO. C2000-0611 DRAWN: JUDY 00/05/02 CHK: KL WONG 00/05/02 APPR: KING SUN 00/05/02	EC NO. C1999-1201 DRWN: BING 99/11/04 CHK: KL WONG 99/11/04 APPR: KING SUN 99/11/04	QUALITY SYMBOLS MAJOR ▲ = CRITICAL ▽ =	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE N.T.S	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	SHT	REV
					4 PLACES ±0. mm ±. INCH	3 PLACES ±0. mm ±. INCH	2 PLACES ±0. mm ±. INCH	1 PLACE ±0. mm ±. INCH	ANGULAR: ± °	DRAWN BY & DATE BING 00/07/10	CHECKED BY & DATE KL WONG 00/07/10	APPROVED BY & DATE KLLI 00/07/10
F	D	C	B	REV	TITLE: SEE TABLE						REVISE ON CAD ONLY	
MOLEX INCORPORATED										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE A4

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 89-11IN 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. CABLE ELECTRICAL SPECIFICATION

- 3.1 DIELECTRIC STRENGTH: 500VDC FOR 1 MINUTE.
- 3.2 INSULATION RESISTANCE: 50 MEGA Ohms-1Kf+ MIN. AT 20°C.
- 3.3 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100 ± 5 Ohms @TDR.
- 3.4 DIFFERENTIAL LINES MUTUAL CAPACITANCE: 14.0 PF/f+ NOMINAL.

4. DVI CONNECTOR SPECIFICATION

- 4.1 REFER TO PRODUCT SPEC. PS74320-0001.
- 4.2 CONTACT PLATING: AU FLASH.

5. 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

6. MATERIAL LIST

ITEM	DESCRIPTION
D	MDR 20 CONNECTOR(ACON) 887899280
C	DVI THUMB SCREW 887806006
B	DVI-D SINGLE CHANNEL G/F CONNECTOR 743230001
A	DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)

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F	D	C	B	REV			CAD FILENAME S8874IAG.S02	MATERIAL NO. SEE TABLE	DRAWING NO. SD-8874I-007	SHEET NO. 2 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE A4