



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

DETAIL C

MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
8874I-802I	DVI_D-DVI_D SINGLE LINK CABLE 5M PARCHMENT WHT	5000 ± 150 196.9 ± 5.9	PARCHMENT WHITE	887808287
8874I-80II	DVI_D-DVI_D SINGLE LINK CABLE 3M PARCHMENT WHT	3000 ± 80 118.1 ± 3.1	PARCHMENT WHITE	887808287
8874I-800I	DVI_D-DVI_D SINGLE LINK CABLE 2M PARCHMENT WHT	2000 ± 60 78.7 ± 2.4	PARCHMENT WHITE	887808287
8874I-8020	DVI_D-DVI_D SINGLE LINK CABLE 5M BLK	5000 ± 150 196.9 ± 5.9	BLACK	887808276
8874I-80I0	DVI_D-DVI_D SINGLE LINK CABLE 3M BLK	3000 ± 80 118.1 ± 3.1	BLACK	887808276
8874I-8000	DVI_D-DVI_D SINGLE LINK CABLE 2M BLK	2000 ± 60 78.7 ± 2.4	BLACK	887808276

EC NO. HK2002-0006 DRAWN: BING 02/06/06 CHK: KL WONG 02/06/06 APPR: KLLI 02/06/06	EC NO. C2000-1078 DRAWN: BING 00/07/10 CHK: KL WONG 00/07/10 APPR: KLLI 00/07/10	EC NO. C2000-0796 DRAWN: JUDY 00/06/01 CHK: KL WONG 00/06/01 APPR: KING SUN 00/06/01	EC NO. C2000-0608 DRAWN: JUDY 00/05/02 CHK: KL WONG 00/05/02 APPR: KING SUN 00/05/02	EC NO. C1999-1195 DRWN: BING 99/11/04 CHK: KL WONG 99/11/04 APPR: KING SUN 99/11/04
F	E	D	C	B

QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES: (UNLESS SPECIFIED)	
	mm	INCH
DESCRIPTION REV	4 PLACES	±0. ±.
	3 PLACES	±0. ±.
	2 PLACES	±0. ±.
	1 PLACE	±0. ±.
ANGULAR: ± °		

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
DRAWN BY & DATE BING 02/06/06		TITLE: SEE TABLE			
CHECKED BY & DATE KL WONG 02/06/06		MOLEX INCORPORATED			
APPROVED BY & DATE KLLI 02/06/06					
CAD FILENAME S8874IAA.SOI		MATERIAL NO. SEE TABLE	DRAWING NO. SD-8874I-001	SHEET NO. 1 OF 2	
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 SNOW WHITE PVC RESIN P/N IS 887800076.

1.2 UL94V-0, COLOR: MAD432

1.3 HARDNESS (DUROMETER): SHORE A 90-95

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 1.

3. CABLE ELECTRICAL SPECIFICATION

3.1 DIELECTRIC STRENGTH: 500VDC FOR 1 MINUTE.

3.2 INSULATION RESISTANCE: 50 MEGA Ohms-1 Kf+ 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. SHORTCIRCUIT AMONG DRAIN WIRES IS ACCEPTABLE.

5. CONNECTION DIAGRAM

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

6. MATERIAL LIST

ITEM	DESCRIPTION
C	DVI THUMB SCREW 887806006
B	DVI_D SINGLE CHANNEL G/F CONNECTOR 743230001
A	DVI SINGLE LINK CABLE (SEE TABLE)

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F	E	D	C	B	REV	MAJOR ▲ =	4 PLACES ±0. ±.	3 PLACES ±0. ±.	2 PLACES ±0. ±.	1 PLACE ±0. ±.	ANGULAR: ± °	DRAWN BY & DATE BING 02/06/06	CHECKED BY & DATE KL WONG 02/06/06	APPROVED BY & DATE KLLI 02/06/06	TITLE: SEE TABLE				
												CAD FILENAME S8874IAA.S02		MATERIAL NO. SEE TABLE		DRAWING NO. SD-8874I-001		SHEET NO. 2 OF 2	
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