

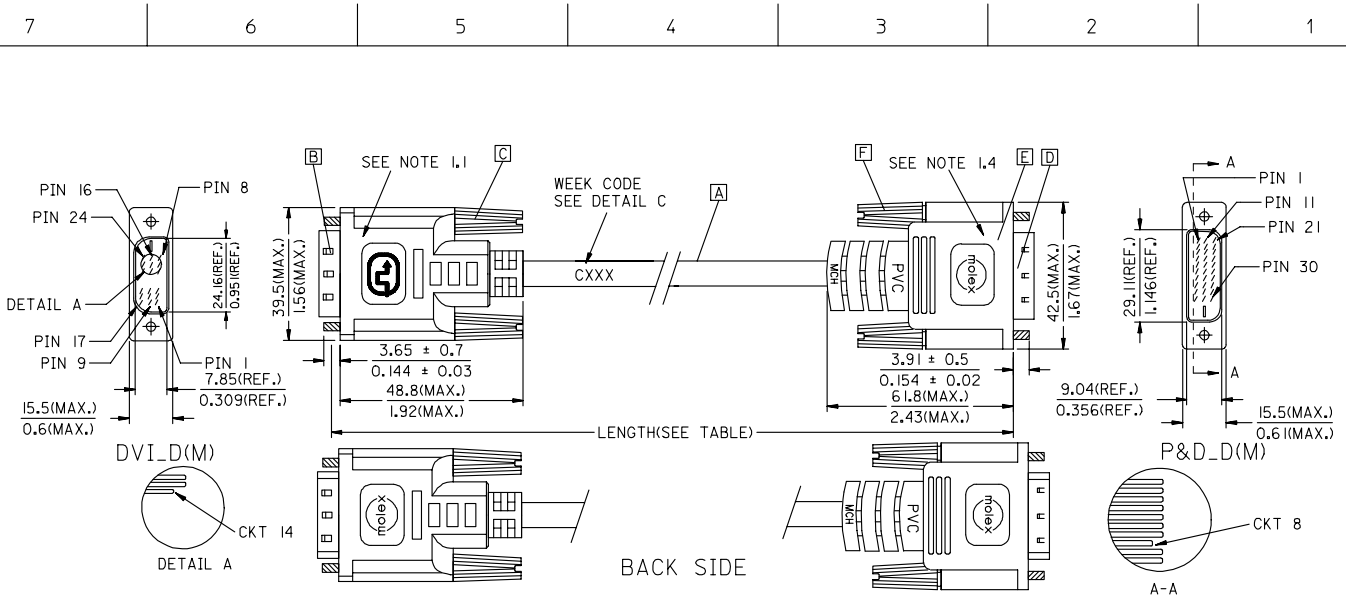
Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)
[0887418501](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



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

MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
88741-8521	DVI_D-P&D_D DIGITAL CABLE ASS'Y 5M PARCHMENT WHT	5000 ± 150 196.9 ± 5.9	PARCHMENT WHITE	887808287
88741-8511	DVI_D-P&D_D DIGITAL CABLE ASS'Y 3M PARCHMENT WHT	3000 ± 80 118.1 ± 3.1	PARCHMENT WHITE	887808287
88741-8501	DVI_D-P&D_D DIGITAL CABLE ASS'Y 2M PARCHMENT WHT	2000 ± 60 78.7 ± 2.4	PARCHMENT WHITE	887808287
88741-8520	DVI_D-P&D_D DIGITAL CABLE ASS'Y 5M BLK	5000 ± 150 196.9 ± 5.9	BLACK	887808276
88741-8510	DVI_D-P&D_D DIGITAL CABLE ASS'Y 3M BLK	3000 ± 80 118.1 ± 3.1	BLACK	887808276
88741-8500	DVI_D-P&D_D DIGITAL CABLE ASS'Y 2M BLK	2000 ± 60 78.7 ± 2.4	BLACK	887808276

ENTER DESCRIPTION EC NO: DG2006-0186 TDRW/PDAI CHKD: APPR: TKAN	QUALITY SYMBOLS ▽=0 ▽/▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	MM/IN	DATE			
2006/03/09	2006/03/09	4 PLACES	± ---	± ---	MM/IN	---	METRIC	THIRD ANGLE PROJECTION
2006/03/09	2006/03/10	3 PLACES	± ---	± ---	DATE			
		2 PLACES	± ---	± ---	DATE			
		1 PLACE	± ---	± ---	DATE			
		ANGULAR	± ---°		DATE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-88741-006		SHEET NO. 1 OF 2
		SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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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
- 1.4 P&D BOOT MOLDED WITH PVC RESIN P/N IS 887800053.

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: 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, PS74320-0001.
- 4.2 CONTACT PLATING: AU FLASH.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6. CONNECTION DIAGRAM

SHIELD	SHIELD	GROUND
PIN 24	PIN 15	TMDS CLOCK-
PIN 23	PIN 14	TMDS CLOCK+
PIN 22	PIN 7	TMDS CLOCK SHIELD
PIN 19	PIN 23	TMDS DATA 0 SHIELD
PIN 18	PIN 21	TMDS DATA 0+
PIN 17	PIN 22	TMDS DATA 0-
PIN 16	PIN 8	HOT PLUG DETECT
PIN 15	PIN 25	GROUND(+5V & HV SYNC.)
PIN 14	PIN 28	POWER +5V
PIN 11	PIN 13	TMDS DATA 1 SHIELD
PIN 10	PIN 11	TMDS DATA 1+
PIN 9	PIN 12	TMDS DATA 1-
PIN 7	PIN 26	DDC DATA
PIN 6	PIN 27	DDC CLOCK
PIN 3	PIN 3	TMDS DATA 2 SHIELD
PIN 2	PIN 1	TMDS DATA 2+
PIN 1	PIN 2	TMDS DATA 2-
DVI.D	P&D.D	CABLE FUNCTION

7. MATERIAL LIST

ITEM	DESCRIPTION
F	EVC THUMB SCREW(WHITE) 717571000
E	EVC BOOT (WHITE) 737840001
D	P&D CONNECTOR ASSY 674850009
C	DVI THUMB SCREW 887806077
B	DVI_D SINGLE CHANNEL G/F CONNECTOR 743230001
A	DVI DIGITAL SINGLE LINK CABLE(SEE TABLE)

ENTER DESCRIPTION EC NO: DG2006-0186 T1:DRW/PPDAI CHKD: APPR:TKAN 2006/03/09 2006/03/09 2006/03/10 DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN	---	METRIC		
				DRAWN BY	DATE	TITLE		
				CHECKED BY	DATE	DVI_D-P&D_D DIGITAL CBL		
		ANGULAR ±---°		APPROVED BY	DATE	MOLEX MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
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