

Excellent Integrated System Limited

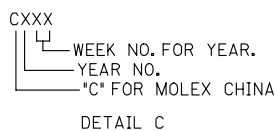
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0887418510](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



ENTER DESCRIPTION EC NO: DG2006-0186 DRAWN: PDAI CHKD: 2006/03/09 APPR: IKAN 2006/03/10		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY PDAI	DATE 2006/03/07	TITLE DVI-D-P&D_D DIGITAL CBL			
			4 PLACES ±---	±---	CHECKED BY	DATE				
			3 PLACES ±---	±---	ZXDENG	2006/03/07				
			2 PLACES ±---	±---	APPROVED BY	DATE				
			1 PLACE ±---	±---	BORON	2006/03/07	MOLEX MOLEX INCORPORATED			
			ANGULAR ±---		MATERIAL NO.		DOCUMENT NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-88741-006		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				

7 6 5 4 3 2 1

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

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)
ITEM	DESCRIPTION

ENTER DESCRIPTION EC NO: DG2006-0186 DRAWN: PDAI CHKD: APPR: TIAN REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽/▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE			
			4 PLACES	±---	±---	PDAI	2006/03/07	DVI_D-P&D_D DIGITAL CBL			
			3 PLACES	±---	±---	CHECKED BY	DATE				
			2 PLACES	±---	±---	ZXDENG	2006/03/07				
			1 PLACE	±---	±---	APPROVED BY	DATE	MOLEX INCORPORATED			
			ANGULAR ±---		BORON	2006/03/07					
					MATERIAL NO.	DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-88741-006		2 OF 2		
					SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					