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8. CONNECTION DIAGRAM

SHIELD	SHIELD	GROUND
PIN 24	PIN 24	TMDS CLOCK-
PIN 23	PIN 23	TMDS CLOCK+
PIN 22	PIN 22	TMDS CLOCK SHIELD
PIN 21	PIN 21	TMDS DATA 5+
PIN 20	PIN 20	TMDS DATA 5-
PIN 19	PIN 19	TMDS DATA 0/5 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 )
PIN 14	PIN 14	POWER +5V
PIN 13	PIN 13	TMDS DATA 3+
PIN 12	PIN 12	TMDS DATA 3-
PIN 11	PIN 11	TMDS DATA 1/3 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 5	PIN 5	TMDS DATA 4+
PIN 4	PIN 4	TMDS DATA 4-
PIN 3	PIN 3	TMDS DATA 2 /4 SHIELD
PIN 2	PIN 2	TMDS DATA 2+
PIN 1	PIN 1	TMDS DATA 2-
DVI_D	DVI_D	CABLE FUNCTION

- 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 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. PS74320-0001.  
 4.2 CONTACT PLATING: AU FLASH.  
 5. SHORTCIRCUIT AMONG DRAIN WIRES SIGNAL GROUND IS ACCEPTABLE IN DVI CABLE.  
 6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

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7. MATERIAL LIST

C	DVI THUMB SCREW 887806077
B	DVI_D DUAL CHANNEL G/F CONNECTOR 743230003
A	DVI DULA LINK CABLE (SEE TABLE)
ITEM	DESCRIPTION

B

B

A

A

ENTER DESCRIPTION EC NO: DG2006-0186 T/DRWN:PDAI 2006/03/09 CHKD: 2006/03/09 APPR:TKAN 2006/03/10 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	=0 =0	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	MM/IN	---	METRIC	
		mm	INCH																		
	4 PLACES	± ---	± ---																		
	3 PLACES	± ---	± ---																		
2 PLACES	± ---	± ---																			
1 PLACE	± ---	± ---																			
			DRAWN BY DATE	TITLE																	
			PDAI 2006/03/07	DVI_D DUAL LINK CABLE																	
			CHECKED BY DATE																		
			ZXDENG 2006/01/11																		
			APPROVED BY DATE																		
			BORON 2006/03/07	MOLEX INCORPORATED																	
			MATERIAL NO.	DOCUMENT NO.	SHEET NO.																
			SEE TABLE	SD-88741-002	2 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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