

Excellent Integrated System Limited

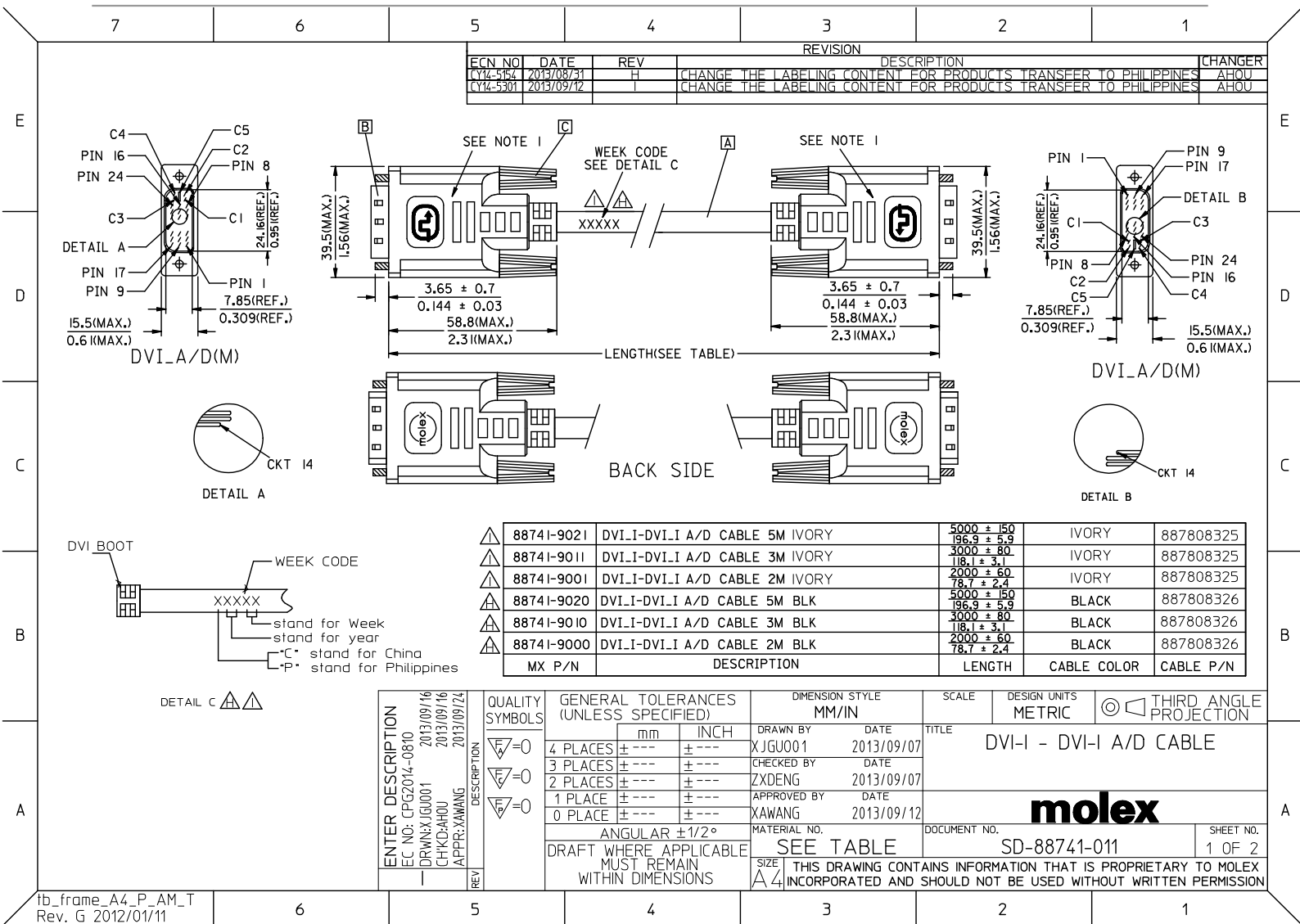
Stocking Distributor

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

[Molex Connector Corporation](#)
[0887419020](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



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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

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 I.

3. CABLE ELECTRICAL SPECIFICATION

3.1 DIELECTRIC STRENGTH: 300VDC FOR 10mS.

3.2 SIGNAL LINE INSULATION RESISTANCE: 20 MEGA Ohms

3.3 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75±7.5 Ohms @TDR.

3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100±7 Ohms @TDR.

4. DVI CONNECTOR SPECIFICATION

4.1 REFER TO PRODUCT SPEC. PS-74320-001.

4.2 CONTACT PLATING: AU FLASH.

5. SHORTCIRCUIT AMONG DRAIN WIRES SIGNAL GROUND IS ACCEPTABLE.

6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

7. CONNECTION DIAGRAM

SHIELD	SHIELD	OUTER SHIELD
C5	C5	ANALOG GROUND
C4	C4	HORIZONTAL SYNC.
C3	C3	ANALOG BLUE
C2	C2	ANALOG GREEN
C1	C1	ANALOG RED
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
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
PIN 10	PIN 10	TMDS DATA 1+
PIN 9	PIN 9	TMDS DATA 1-
PIN 8	PIN 8	VERTICAL SYNC.
PIN 7	PIN 7	DDC DATA
PIN 6	PIN 6	DDC CLOCK
PIN 3	PIN 3	TMDS DATA 2
PIN 2	PIN 2	TMDS DATA 2+
PIN 1	PIN 1	TMDS DATA 2-
DVI_A/D	DVI_A/D	CABLE FUNCTION

8. MATERIAL LIST

C	DVI THUMB SCREW 887806129
B	DVI_I G/F CONNECTOR 743230031
A	DVI ANALOG DIGITAL CABLE (SEE TABLE)
ITEM	DESCRIPTION

ENTER DESCRIPTION EC NO: CPG2014-0810 DRAWN: JGU001 CHKD: AHOU APPR: XAWANG 2013/09/16 2013/09/16 2013/09/24	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION							
			mm	INCH	DRAWN BY XJGU001	DATE 2013/09/07	TITLE DVI-I - DVI-I A/D CABLE									
			4 PLACES	± ---	± ---	CHECKED BY ZXDENG						DATE 2013/09/07				
			3 PLACES	± ---	± ---	APPROVED BY	DATE	molex								
			2 PLACES	± ---	± ---	XAWANG	2013/09/12									
			1 PLACE	± ---	± ---	MATERIAL NO.	DOCUMENT NO.						SHEET NO. 2 OF 2			
			0 PLACE	± ---	± ---	SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
			ANGULAR ±1/2°		SEE TABLE							SD-88741-011				
			DRAFT WHERE APPLICABLE													
			MUST REMAIN WITHIN DIMENSIONS													

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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

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 SIGNAL LINE INSULATION RESISTANCE: 20 MEGA Ohms
3.3 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75 ± 7.5 Ohms @TDR.
3.4 DIFFERENTIAL LINES CHARACTERISTIC IMPEDANCE: 100 ± 7 Ohms @TDR.

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4.2 CONTACT PLATING: AU FLASH.

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6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

7. CONNECTION DIAGRAM

SHIELD	SHIELD	OUTER SHIELD
C5	C5	ANALOG GROUND
C4	C4	HORIZONTAL SYNC.
C3	C3	ANALOG BLUE
C2	C2	ANALOG GREEN
C1	C1	ANALOG RED
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
PIN 18	PIN 18	TMDS DATA 0+
PIN 17	PIN 17	TMDS DATA 0-
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PIN 8	PIN 8	VERTICAL SYNC.
PIN 7	PIN 7	DDC DATA
PIN 6	PIN 6	DDC CLOCK
PIN 3	PIN 3	TMDS DATA 2
PIN 2	PIN 2	TMDS DATA 2+
PIN 1	PIN 1	TMDS DATA 2-
DVI_A/D	DVI_A/D	CABLE FUNCTION

8. MATERIAL LIST

C	DVI THUMB SCREW 887806129
B	DVI_I G/F CONNECTOR 743230031
A	DVI ANALOG DIGITAL CABLE (SEE TABLE)
ITEM	DESCRIPTION

ENTER DESCRIPTION EC NO: DG2006-0186 DRAWN: PDAI CHKD: APPR: IKAN 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			
G				4 PLACES	±---	±---	PDAI	2006/03/07	DVI-I - DVI-I A/D CABLE		
				3 PLACES	±---	±---	CHECKED BY	DATE			
				2 PLACES	±---	±---	ZXDENG	2006/03/07	MOLEX INCORPORATED		
				1 PLACE	±---	±---	APPROVED BY	DATE			
				ANGULAR ±1/2°		BORON	2006/03/07	MOLEX			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-88741-011			SHEET NO. 2 OF 2				
SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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