

Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)

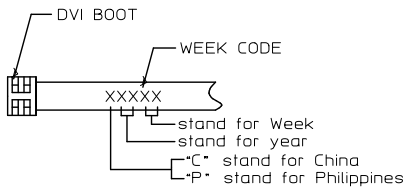
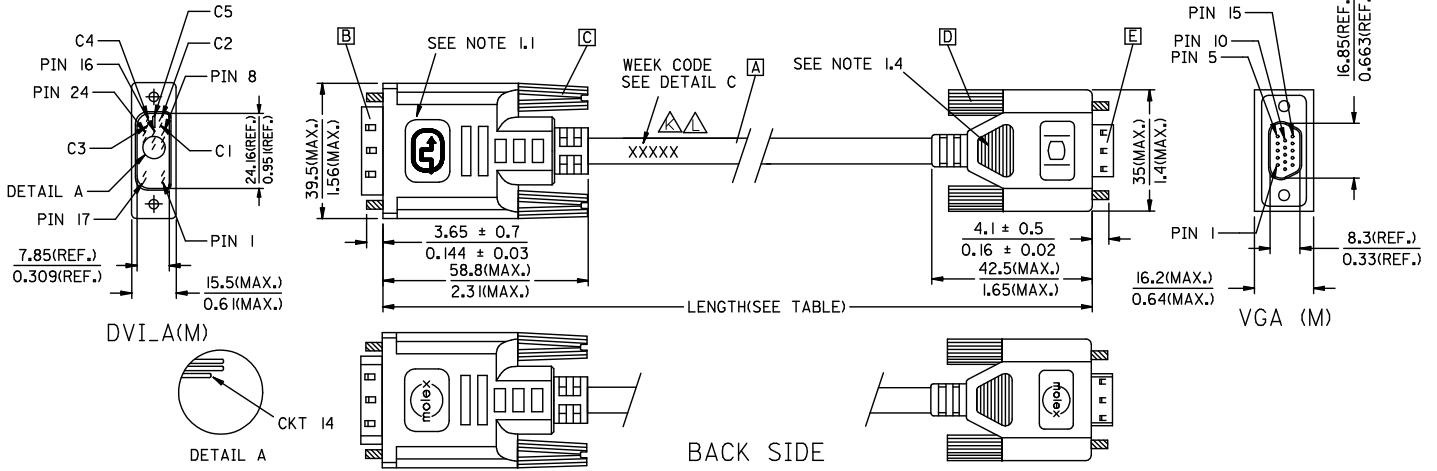
[0887418321](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

7	6	5	4	3	2	1
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REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
CY14-5154	2013/08/30	K	CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES	AHOU
CY14-5301	2013/09/12	L	CHANGE THE LABELING CONTENT FOR PRODUCTS TRANSFER TO PHILIPPINES	AHOU



MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE P/N
88741-8321	DVI_A-VGA CABLE ASS'Y 5M PARCHMENT WHT	5000 ± 150 196.9 ± 5.9	PARCHMENT WHITE	887808286
88741-8311	DVI_A-VGA CABLE ASS'Y 3M PARCHMENT WHT	3000 ± 80 118.1 ± 3.1	PARCHMENT WHITE	887808286
88741-8301	DVI_A-VGA CABLE ASS'Y 2M PARCHMENT WHT	2000 ± 60 78.7 ± 2.4	PARCHMENT WHITE	887808286
88741-8320	DVI_A-VGA CABLE ASS'Y 5M BLK	5000 ± 150 196.9 ± 5.9	BLACK	887808277
88741-8310	DVI_A-VGA CABLE ASS'Y 3M BLK	3000 ± 80 118.1 ± 3.1	BLACK	887808277
88741-8300	DVI_A-VGA CABLE ASS'Y 2M BLK	2000 ± 60 78.7 ± 2.4	BLACK	887808277

DETAIL C

ENTER DESCRIPTION EC NO: CPG2014-0798 DRWNX: JGJ001 CHYD: AHOU APPR: XAWANG	QUALITY SYMBOLS □=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE --	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± ---	DRAWN BY XJGU001	DATE 2013/09/06	TITLE DVI_A-VGA CABLE			
		3 PLACES ± --- ± ---	CHECKED BY ZXDENG	DATE 2013/09/06	molex			
		2 PLACES ± --- ± ---	APPROVED BY XAWANG	DATE 2013/09/12	DOCUMENT NO. SD-88741-004	SHEET NO. 1 OF 2		
1 PLACE ± --- ± ---		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
0 PLACE ± --- ± ---		ANGULAR ± --- °		SIZE A4				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

7	6	5	4	3	2	1
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NOTE: 1. OVERMOLD SPECIFICATION

FOR DVI

- 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 FOR VGA
- 1.4 VGA MOLDED WITH PVC BLUE RESIN 887800145.
 - 1.4.1 UL94V-0, COLOR: PANTUNE 661C

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 SIGNAL LINE INSULATION RESISTANCE: 20 MEGA Ohms
- 3.3 COAXIAL LINES CHARACTERISTIC IMPEDANCE: 75±7.5 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
C 5	PIN R6,G7,B8	ANLOG GROUND
C 4	PIN 13	HORIZONTAL SYNC
C 3	PIN 3	ANLOG
C 2	PIN 2	ANLOG
C 1	PIN 1	ANLOG
PIN 15	PIN 5,10	GROUND(+5V & HV SYNC)
PIN 14,16	PIN 9	POWER +5V/HOT PLUG DETECT
PIN 8	PIN 14	VERTICAL SYNC
PIN 7	PIN 12	DDC DATA
PIN 6	PIN 15	DDC CLOCK
DVI_A	VGA	CABLE FUNCTION

7. MATERIAL LIST

ITEM	DESCRIPTION
E	VGA D-SUB CONNECTOR 887899320
D	VGA D-SUB THUMBSCREW 887806026
C	DVI THUMB SCREW 887806005
B	DVI_A G/F CONNECTOR 743230011
A	DVI ANALOG CABLE(SEE TABLE)

ENTER DESCRIPTION EC NO: CPG2014-0798 DRWN: XJGU01 CHKD: AHOU APP: XAWANG	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY XJGU01	DATE 2013/09/06	TITLE DVI_A-VGA CABLE		
L	REV	4 PLACES	± ---	± ---	CHECKED BY ZXDENG	DATE 2013/09/06		
		3 PLACES	± ---	± ---	APPROVED BY XAWANG	DATE 2013/09/12		
		2 PLACES	± ---	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
		1 PLACE	± ---	± ---	SEE TABLE	SD-88741-004	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 ± --- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

6	5	4	3	2	1
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I.3 HARDNESS (DUROMETER): SHORE A 90-95

FOR VGA

I.4 VGA MOLDED WITH PVC BLUE RESIN 887800145.

I.4.1 UL94V-0, COLOR: PANTUNE 661C

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ENTER DESCRIPTION EC NO: DG2006-0186 DRAWN: PDAI CHKD: J APPR: IKAN 2006/03/09 2006/03/09 2006/03/10 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	---	METRIC	
	▽=0	4 PLACES ±--- ±---	DRAWN BY DATE	TITLE		
		3 PLACES ±--- ±---	DATE	DVI_A-VGA CABLE		
	2 PLACES ±--- ±---	2006/03/07				
	1 PLACE ±--- ±---	2006/03/07				
	ANGULAR ±---°	APPROVED BY DATE	MOLEX MOLEX INCORPORATED			
		DATE	DOCUMENT NO.			
		2006/03/07	SD-88741-004			
			SHEET NO.			
			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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