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Part Number:

0887418620

Status:

Active

Overview:

microcross_dvi

Description:

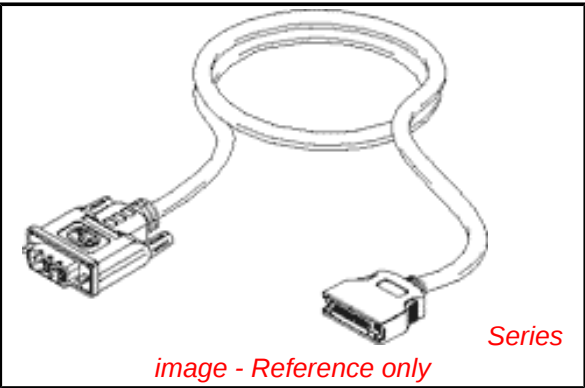
MicroCross™ DVI Digital Visual Interface, Shielded I/O Cable Assembly: DVI-Digital-to-DFP, Black, 5.0m (16.40') Length

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable Assemblies
Series	88744
Connector to Connector	DVI-Digital-to-DFP
Overview	microcross_dvi
Product Name	MicroCross™DVI
Physical	
Cable Length	5.0m (16.40')
Circuits (Loaded)	24
Color - Resin	Black
Gender	Plug/Plug
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Packaging Type	Bag
Pitch - Mating Interface (in)	0.075 In
Pitch - Mating Interface (mm)	1.90 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.75
Single Ended	No
Termination Interface: Style	Solder or Weld
Wire Insulation Diameter	N/A
Wire Size AWG	N/A
Wire/Cable Type	N/A
Electrical	
Current - Maximum per Contact	3A
Shielded	Yes
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SD-88741-007



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

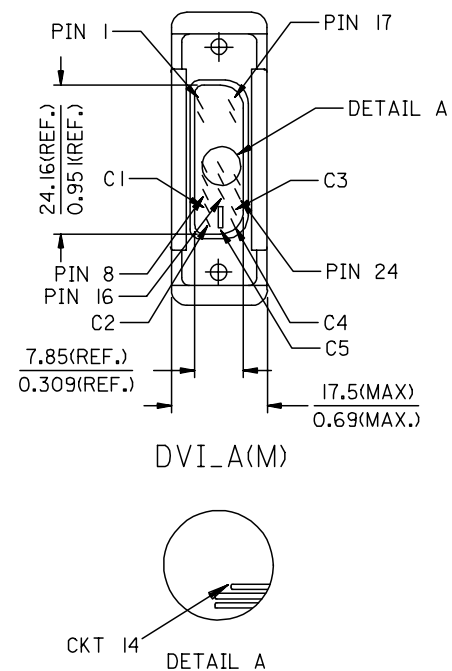
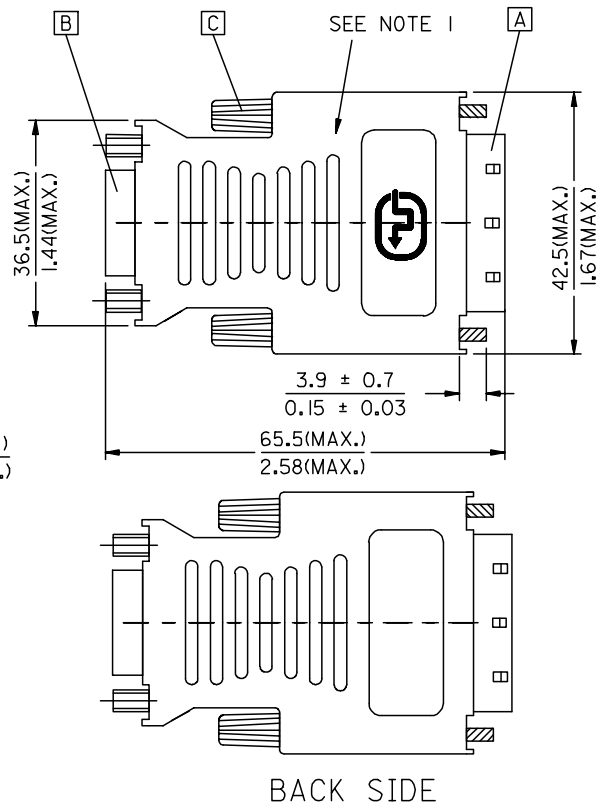
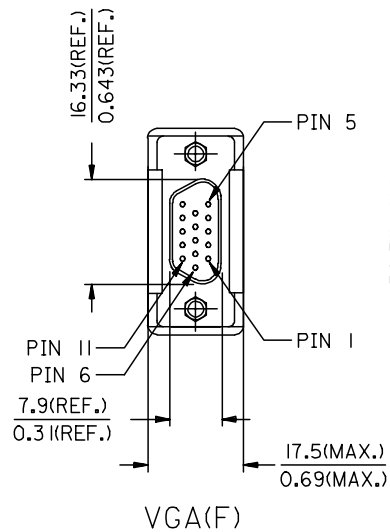
Search Parts in this Series

88744Series

Mates With

74320 MicroCross™ DVI-I Digital/Analog Visual Interface, PCB Receptacle

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7 6 5 4 3 2 1

NOTE:1. MOLD WITH SNOW WHITE PVC RESIN 887800077 FOR ADAPTOR COVER.

2. DVI CONNCETOR SPECIFICATION

2.1 REFER TO PRODUCT SPEC. PS74320-0001.

2.2 CONTACT PLATING: AU FLASH.

3. ELECTRICAL PERFORMANCE

3.1 INSULATION RESISANCE: 20 M Ohms Min

3.2 DIELECTRIC STRENGTH: 300V DC FOR 10 MILLISECONDS.

3.3 IMPEDANCE: 75 ± 10%Ohms ON THE CO-AXIAL WIRES.

4. ADAPTOR SPECIFICATION

4.1 REFER TO PRODUCT SPEC. PS88741-8700.

5. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

6. CONNECTION DIAGRAM

SHIELD	SHIELD	GROUND
PIN R6,G7,B8	C 5	ANLOG GROUND
PIN 13	C 4	HORIZONTAL SYNC
PIN 3	C 3	ANLOG
PIN 2	C 2	ANLOG
PIN 1	C 1	ANLOG
PIN 5,10	PIN 15	GROUND(+5V & HV SYNC)
PIN 9	PIN 14,16	POWER +5V/HOT PLUG DETECT
PIN 14	PIN 8	VERTICAL SYNC
PIN 12	PIN 7	DDC DATA
PIN 15	PIN 6	DDC CLOCK
VGA	DVI_A	CABLE FUNCTION

7. MATERIAL LIST

C	SCREW (WHITE) 887806002
B	FEMALE 15C D-SUB CONNECTOR 887899318
A	DVI_A G/F CONNECTOR 743230011
ITEM	DESCRIPTION

ENTER DESCRIPTION EC NO: DG2006-0186 DRWN:PDAI CHKD: APPR:TKAN	2006/03/09 2006/03/09 2006/03/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY PDAI	DATE 2006/03/07	TITLE DVI_A(M)-VGA(F) ADAPTER				
				±---	±---	CHECKED BY ZXDENG	DATE 2006/03/07					
				±---	±---	APPROVED BY BORON	DATE 2006/03/07	MOLEX INCORPORATED				
				ANGULAR ±---°	MATERIAL NO. 88741-8700							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									