

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0887418110

Status:

Active

Overview:

microcross_dvi

Description:

MicroCross™ DVI Digital Visual Interface, Shielded I/O Cable Assembly: DVI-Digital-to-DVI-Digital, Dual Link TMDS, Black, 3.0m (9.84') Length

Documents:

Drawing (PDF)

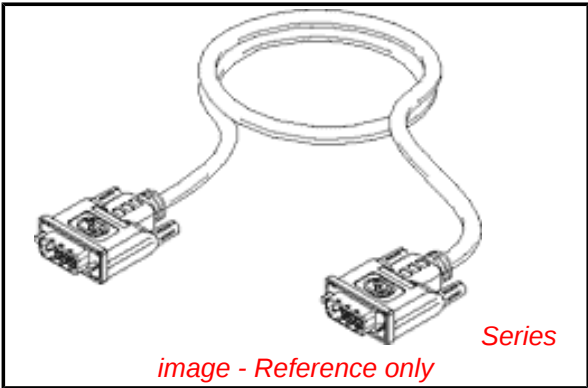
RoHS Certificate of Compliance (PDF)

General	
Product Family	Cable Assemblies
Series	88744
Comments	Dual Link TMDS
Connector to Connector	DVI-Digital-to-DVI-Digital
Overview	microcross_dvi
Product Name	MicroCross™DVI
Physical	
Cable Length	3.0m (9.84')
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-88741-002



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS

50

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

E

D

└

1.

- 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 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. SHORTCIRCUIT AMONG DRAIN WIRES SIGNAL GROUND IS ACCEPTABLE IN DVI CABLE.
6. THIS PRODUCT MUST MEET MX RoHS COMPLIANCE.

B

BA