

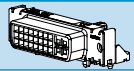
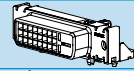
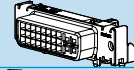
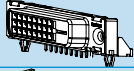
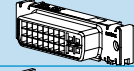
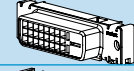
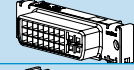
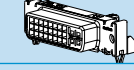
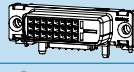
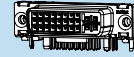


# MicroCross™ DVI Connector System

## Digital Visual Interface Standard


### RECEPTACLES

- Through Hole
- Housings: Glass-filled thermoplastic, UL 94V-0
- Contacts: Copper Alloy
- Plating: Gold flash or 30µ" Gold
- Voltage: 40V
- Current: 3.0A
- Temperature: -20 to +85°C

	Description	Options	Order No.	
			Gold Flash	30µ" Gold
	DVI-I Right Angle Digital / Analog Receptacle	PCB Retention: Peg	74320-1004	74320-1000
	DVI-D Right Angle Digital Receptacle	PCB Retention: Peg	74320-4004	74320-4000
	DVI-A Right Angle Analog Receptacle	PCB Retention: Peg	74320-1009	74320-1008
	DVI-D Right Angle Digital ATX Receptacle with Forklocks	PCB Retention: Forklock	74320-9004	74320-9000
	DVI-I Vertical Digital / Analog Receptacle	PCB Retention: Peg	74320-3004	74320-3000
	DVI-D Vertical Digital Receptacle	PCB Retention: Peg	74320-5004	74320-5000
	DVI-A Vertical Analog Receptacle	PCB Retention: Peg	74320-3009	74320-3008
	DVI-I Right Angle Digital/Analog Receptacle with Forklocks	PCB Retention: Forklock	74320-9014	74320-9010
	DVI-D Right Angle Digital Extended Height Receptacle	PCB Retention: Peg	74320-2010	74320-2011
	DVI-I Right Angle Digital/Analog Extended Height Receptacle	PCB Retention: Peg	74320-2020	74320-2021


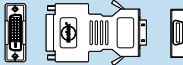
### CABLE ASSEMBLIES

- Supports up to 1.65 Gbps bandwidth per differential pair, fully shielded against RFI/EMI
- Analog coax performance up to 2.5 GHz
- Provides 4.95 Gbps over a single link and 9.9 Gbps performance over a dual link implementation
- Temperature: -20 to +85°C
- Voltage: 40V
- Current: 3.0A

	Description	Order No.							
		DVI - Digital	P&D - Digital	DFP	M1-D with USB Breakout	DVI - Digital / Analog	DVI - Analog	VGA	P&D-Analog
	DVI-Digital to ...	88741-80XX (Single Link TMDS*) 88741-81XX (Dual Link TMDS)	88741-85XX	88741-86XX	88745-2200 (2m, Single Link TMDS)				
	DVI-Digital/ Analog to ...					88741-90XX (Single Link TMDS)			
	DVI-Analog to ...						88741-82XX	88741-83XX	88741-84XX
Replace XX with order number code:									
		2m (6.56 ft.)		3m (9.84 ft.)			5m (16.40 ft.)		
	Black	00		10			20		
	White	01		11			21		

### PASSIVE ADAPTERS

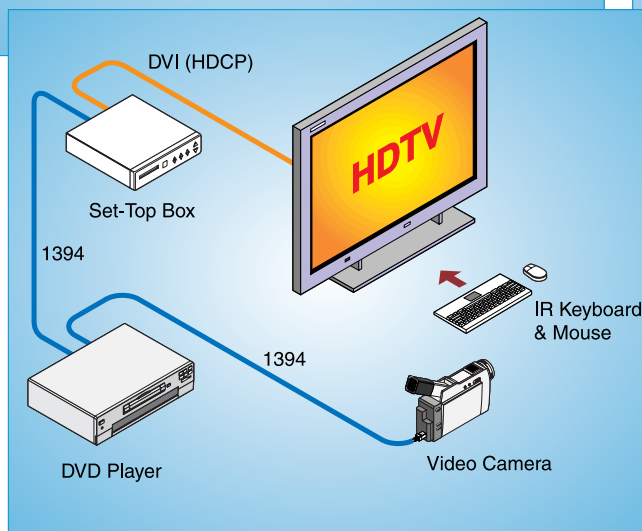
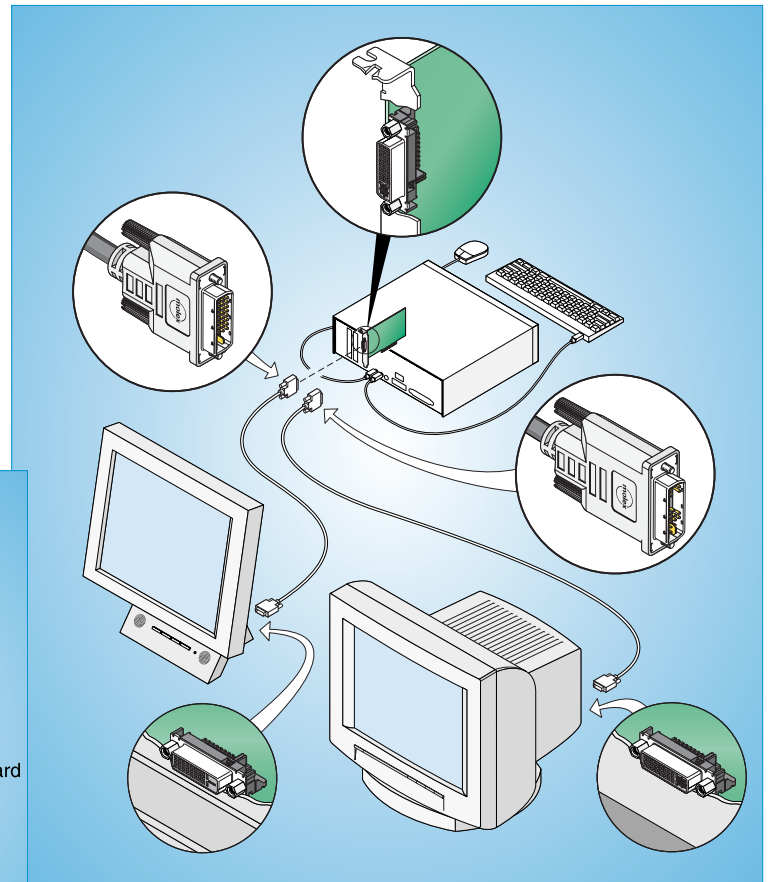
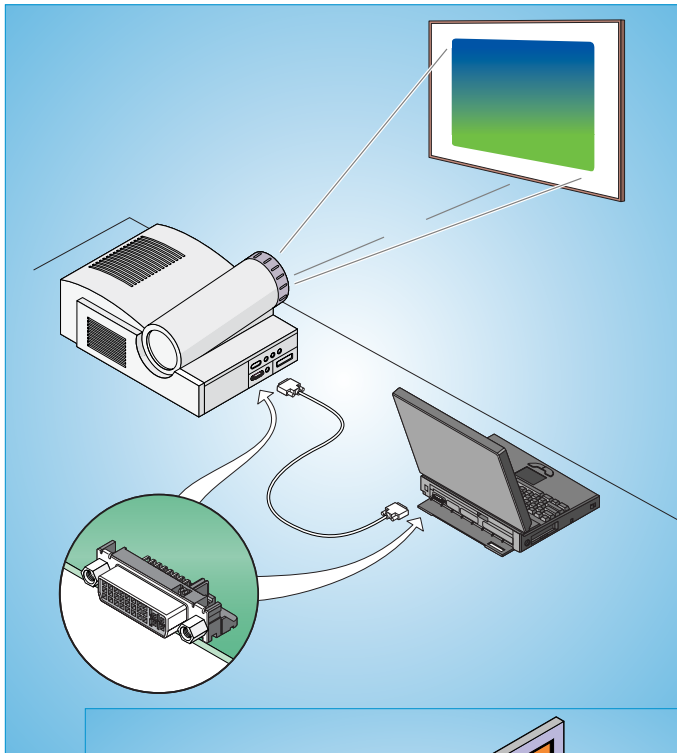
- Adapts to existing systems using VGA, DFP, and P&D video I/O interfaces
- Compact in size, Molex's DVI adapters provide a lightweight and space efficient solution
- Voltage: 40V
- Current: 3.0A
- Temperature: -20 to +85°C

	Description	Order No.			
		DVI-Digital to P&D-Digital	DVI-Digital to DFP	DVI-Analog to VGA	DVI-Digital to DVI-Digital
	Plug to Receptacle	88741-8900	88741-8800	88741-8700 - Standard 88741-8701 - Z Design	
	Receptacle to Plug	88741-9200	88741-9300	88741-9100	88741-9400

\*TMDS (Transition Minimized Differential Signaling) is a trademark of Silicon Image, Inc.

**molex**™ **MicroCross™ DVI**  
**Connector System**  
**Digital Visual Interface Standard**

DVI has been chosen as the new digital video I/O industry standard by the DDWG (Digital Display Working Group). Promoters of the DDWG are: Intel, IBM, Compaq, HP, NEC, Fujitsu, and Silicon Image.



Plug components are available. Contact Molex

**APPLICATION EXAMPLES**

**Computers**

- Desktops
- Workstations
- Notebooks
- Docking Stations

**Displays**

- CRTs
- LCDs
- Micro Displays

**Entertainment**

- Video Game Systems
- Set-Top Boxes
- HDTV
- DVD

**Miscellaneous**

- Lab Equipment
- Medical Equipment
- High Resolution Video Products
- Projection Systems
- Head Mount Systems

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Visit our Web site at <http://www.molex.com/product/io/dviintro.html>