

Datasheet for 76650-0194

General Information

Kit Part Number:	76650-0194
Connector Type:	I/O, I/O Wire-to-Board
Solution:	I/O Connectors
Molex Family:	DisplayPort
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	20
Current Rating:	0.5A
Mounting Style:	SMT (Surface Mount Technology)
Orientation:	Cables, Plugs, Right Angle Receptacle
Pitch:	0.50mm (.020")
Speed:	10.8 Gbps (Gigabits per second)
Voltage Rating:	40V

Product Highlights

The DisplayPort* is designed for internal and external system solution for high bandwidth audio and video data transfer in the notebook and PC market. It reduces cost (by having high definition digital audio-video and graphics stream via the interface through the same cable) and provides ease of use (through the plug-and-play feature), making it user-friendly for consumers. It also provides performance scalability for future developments of high quality displays, high color depths and high refresh rates display.

Features and Benefits

- Detent locks, strong mating between plug and receptacle
- Latches, additional security for long cable latching
- Metal shielding on all sides, superior shielding against EMI
- Solder tab, secure PCB retention and withstand lateral forces
- Small footprint, less PCB real estate
- Polarized mating geometric, prevents mis-mating

Applications

- Personal Computer (PC)
- External display interconnect: Projector, TV display
- DVD player
- Computer monitor
- DVR

<http://www.molexkits.com>

Bill of Materials

Molex Part No.	Description	Quantity
47272-0001	0.50mm (.020") Pitch DisplayPort* Male Receptacle, Right Angle, SMT	1
47271-0004	Upper Cover for DisplayPort* Cable Plug, Black	3
47271-0005	Lower Cover for DisplayPort* Cable Plug, Black	3
47271-0011	0.50mm (.020") Pitch DisplayPort* Plug Sub-assembly, with Latch	2
47271-1008	Upper Inner Shell for DisplayPort Cable Plug, Nickel Overall Plating, with Latch Hole	2
47271-1009	Lower Inner Shell for DisplayPort Cable Plug, Nickel Overall Plating	2
47271-1016	DisplayPort Latch	2
47271-2016	DisplayPort Latch	2
68783-0007	2.0m (6.56') DisplayPort to DisplayPort Cable with Latches	1

Recommended Molex Tool

Molex Part No.	Description
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