

Datasheet for 76650-0194

General Information			
Part Number:	76650-0194		
Manufacturer:	Molex / Waldom		
Title:	DisplayPort Connector and Cable Kit		
Description:	I/O Plug, Receptacle and Cable		
Product Family:	DisplayPort*		
Certificates:	(Molex Parts within this kit) - EU RoHS Compliant, UL, and CSA		
Country of Origin:	Kit assembled in U.S.A.		
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Specifications

Design	
Configuration:	Wire-to-Board
Pitch:	0.50mm (.020")
Connector Type:	Receptacles and Plugs, Cable
Circuit Sizes:	20
Current Rating:	0.5 Amps
Voltage:	40 Volts AC

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

DisplayPort* is a trademark of Video Electronics Standards Association (VESA)

For additional Molex / Waldom Design and Solution Kits please go to www.molexkits.com



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Bill of Materials for Part No. 76650-0194

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

No Recommended Molex Tool for Part No. 76650-0194