

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0472720024](#)  
**Status:** **Active**  
**Overview:** DisplayPort\* and Mini DisplayPort Interconnect System  
**Description:** 0.50mm Pitch DisplayPort\* Male Receptacle, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating, 20 Circuits, with Cover, Latch Holes, Mylar, Peg, Solder Tab of Shell, without Flange, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification PK-47272-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family I/O Connectors  
 Series [47272](#)  
 Application Wire-to-Board  
 Comments Through Hole Peg of Shell  
 Component Type Receptacle  
 Overview [DisplayPort\\* and Mini DisplayPort Interconnect System](#)  
 Product Name DisplayPort\*  
 Type N/A  
 UPC 883906043834

**Physical**

Circuits (Loaded) 20  
 Circuits (maximum) 20  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Male  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin-Bismuth  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 3.500/g  
 Number of Rows 2  
 Orientation Right Angle  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Panel Mount Without Flange  
 Pitch - Mating Interface 0.50mm  
 Pitch - Termination Interface 0.50mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 1.016µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Ports 1  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style Surface Mount  
 Waterproof / Dustproof No

**Electrical**

Current - Maximum per Contact 0.5A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[47272](#) Series

**Mates With**

[47271](#) Plug Sub-Assemblies, [68783](#) Cable Series

Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	40V AC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	003
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250

**Material Info****Reference - Drawing Numbers**

Electrical Model Document	EE-47272-001, EE-47272-002
Packaging Specification	PK-47272-001
Sales Drawing	SD-47272-001

\* DisplayPort is a Trademark of VESA

This document was generated on 08/05/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**