

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0472720024](#)

Status: **Active**

Overview:

Description: 0.50mm (.020") Pitch DisplayPort* Male Receptacle, Right Angle, SMT, 0.76µm (30µ") Gold (Au) Plating, 20 Circuits, with Cover, Latch Holes, Mylar, Peg, Solder Tab of Shell, without Flange, Leadfree

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	47272
Application	Wire-to-Board
Comments	Through Hole Peg of Shell
Component Type	Receptacle
Overview	DisplayPort*
Product Name	DisplayPort*
Type	N/A

Physical

Boot Color	N/A
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
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 (in)	0.039 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
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	0.5A
Grounding to Panel	Yes



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



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

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

Duration at Max.	3
Process Temperature (seconds)	
Lead-free Process	Reflow Capable (SMT only)
Max. Cycles at Max.	2
Process Temperature	
Process Temperature	250 max. C

Search Parts in this Series

[47272](#) Series

Mates With

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

Shielded
UL
Voltage - Maximum

Yes
E29179
40V AC

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-47272-001

* DisplayPort is a Trademark of VESA

This document was generated on 11/06/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION