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Part Number: **0472720026**
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, without Cover, Mylar, Flange or Peg; with Latch Holes and Solder Tab of Shell, Lead-Free

Documents:

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

Agency Certification

UL E29179

General

Product Family I/O Connectors
Series [47272](#)
Application Wire-to-Board
Comments Without Post
Component Type Receptacle
Overview [DisplayPort* and Mini DisplayPort Interconnect System](#)
Product Name DisplayPort*
Type N/A
UPC 883906135300

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 2.719/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[47272](#) Series

Mates With

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

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	40V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250

Material Info**Reference - Drawing Numbers**

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

* DisplayPort is a Trademark of VESA

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