

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0472720001](#)
Status: **Active**
Overview: DisplayPort and Mini DisplayPort Interconnect System
Description: 0.50mm Pitch DisplayPort Receptacle, Right-Angle, Surface Mount, 0.76µm Gold (Au) Plating, 20 Circuits, without Cover, Mylar or Flange; with Latch Holes, Peg and Solder Tab of Shell, Lead-Free

Documents:

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

Agency Certification

UL E29179

General

Product Family	I/O Connectors
Series	47272
Application	Wire-to-Board
Comments	With EMI Shield
Component Type	Receptacle
Overview	DisplayPort and Mini DisplayPort Interconnect System
Product Name	DisplayPort
Type	N/A
UPC	822350586009

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
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° 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 -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

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

This document was generated on 08/27/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION