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Part Number: **0472720001**
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 or Flange; with Latch Holes, Peg and Solder Tab of Shell, Lead-Free

Documents:

3D Model	Product Specification TS-47272-001-008 (PDF)
Drawing (PDF)	Packaging Specification PK-47272-001 (PDF)
Product Specification PS-47272-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

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

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



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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

47272 Series

Mates With

47271 Plug Sub-Assemblies, 68783 Cable Series

Electrical

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, TS-47272-001-008
Sales Drawing	SD-47272-001

* DisplayPort is a Trademark of VESA

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