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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

47272

Application

Wire-to-Board

Comments

With EMI Shield

Component Type

Receptacle

MolexKits

Yes

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

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

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/30/2017 (7 July

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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