

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

47272-0025

Status:

Active

Overview:

DisplayPort® Cables and Connectors

Description:

0.50mm Pitch DisplayPort® Male Receptacle, Right Angle, SMT, 0.76µm Gold (Au) Plating, 20 Circuits, without Cover, with Mylar, Flange, Latch Holes, Peg and Solder Tab of Shell, Lead-Free

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

I/O Connectors

Series

47272

Application

Wire-to-Board

Comments

Through Hole Peg of Shell

Component Type

Receptacle

Overview

DisplayPort® Cables and Connectors

Product Name

DisplayPort®

Type

N/A

UPC

883906110772

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

3.100/g

Number of Rows

2

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Panel Mount

With 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



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

47272Series

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) | 3                         |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 1                         |
| Process Temperature max. C                     | 250                       |

**Material Info**

**Reference - Drawing Numbers**

|               |              |
|---------------|--------------|
| Sales Drawing | SD-47272-001 |
|---------------|--------------|

\* DisplayPort is a Trademark of VESA

This document was generated on 01/17/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**