



**Part Number :** [472720029](#)  
**Product Description :** 1.00mm Pitch  
DisplayPort Receptacle, Right-Angle, Surface  
Mount, 0.76µm Gold (Au) Plating, 20 Circuits,  
without Cover, Lead-Free  
**Series Number :** 47272  
**Status :** Active  
**Product Category :** I/O Connectors



## Documents & Resources

**Drawings**  
[472720029\\_sd.pdf](#)  
[PK-47272-001-001.pdf](#)

**3D Models and Design Files**  
[472720029\\_stp.zip](#)  
[EE-47272-001-001.pdf](#)  
[EE-47272-002-001.pdf](#)

**Specifications**  
[PS-47272-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         |                                                |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                 |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS            | Compliant per EU 2015/863                      |

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

---

### Part Details

#### General

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                           |
| Category       | I/O Connectors                                                                                                                   |
| Series         | 47272                                                                                                                            |
| Description    | 1.00mm Pitch DisplayPort Receptacle, Right-Angle, Surface Mount, 0.76µm Gold (Au) Plating, 20 Circuits, without Cover, Lead-Free |
| Application    | Wire-to-Board                                                                                                                    |
| Component Type | Receptacle                                                                                                                       |
| Product Name   | DisplayPort                                                                                                                      |
| Type           | N/A                                                                                                                              |
| UPC            | 883906483968                                                                                                                     |

#### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

#### Electrical

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

#### Physical

|                                |       |
|--------------------------------|-------|
| Circuits (Loaded)              | 20    |
| Circuits (maximum)             | 20    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 10000 |

|                                |                                |
|--------------------------------|--------------------------------|
| Flammability                   | 94V-0                          |
| Gender                         | Female                         |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Matte Tin                      |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2.800/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Embossed Tape on Reel          |
| Panel Mount                    | Without Flange                 |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness - Recommended    | 1.60mm                         |
| 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                             |