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Part Number:

0472720024

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, with Cover, Latch Holes, Mylar, Peg, Solder Tab of Shell, without Flange, Lead-Free



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47272-001-001 (PDF)

Packaging Specification PK-47272-001 (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 and Mini DisplayPort Interconnect System |
| Product Name                   |  | DisplayPort                                          |
| Type                           |  | N/A                                                  |
| UPC                            |  | 883906043834                                         |
| 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                     |  | 3.500/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                     |  |                                                      |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

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

|                                                |                            |
|------------------------------------------------|----------------------------|
| Current - Maximum per Contact                  | 0.5A                       |
| Grounding to Panel                             | Yes                        |
| Shielded                                       | Yes                        |
| Voltage - Maximum                              | 40V AC                     |
| <b>Solder Process Data</b>                     |                            |
| Duration at Max. Process Temperature (seconds) | 003                        |
| Lead-freeProcess Capability                    | REFLOW                     |
| Max. Cycles at Max. Process Temperature        | 002                        |
| Process Temperature max. C                     | 250                        |
| <b>Material Info</b>                           |                            |
| <b>Reference - Drawing Numbers</b>             |                            |
| Electrical Model Document                      | EE-47272-001, EE-47272-002 |
| Packaging Specification                        | PK-47272-001               |
| Product Specification                          | PS-47272-001-001           |
| Sales Drawing                                  | SD-47272-001               |

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