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

Drawing 472720029_sd.pdf
Packaging Design Drawing PK-47272-001-001.pdf

3D Models and Design Files

3D Model 472720029_stp.zip
Electrical Model Document EE-47272-001-001.pdf
Electrical Model Document EE-47272-002-001.pdf

Specifications

Product Specification 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)4144-DC (27 June 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 Family	DisplayPort and Mini DisplayPort Interconnect System
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

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