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Part Number: [0472710011](#)
Status: **Active**
Overview: DisplayPort* and Mini DisplayPort Interconnect System
Description: 0.50mm Pitch DisplayPort* Plug Sub-assembly, with Latch

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-47271-001 \(PDF\)](#)
[Product Specification PS-47272-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

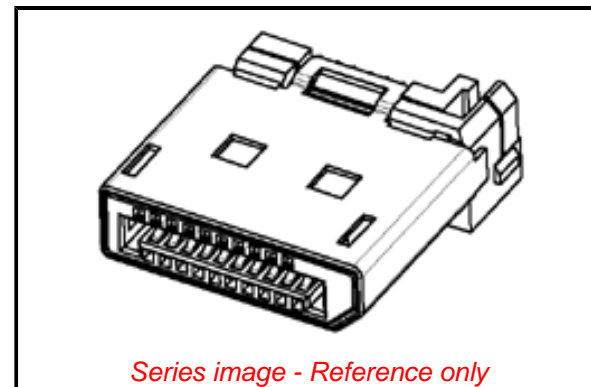
Product Family	I/O Connectors
Series	47271
Application	Wire-to-Board
Comments	Part meets VESA Proposed Standard, Version 1.1
Component Type	I/O Plug Connector Subassembly
MolexKits	Yes
Overview	DisplayPort* and Mini DisplayPort Interconnect System
Product Name	DisplayPort*
Type	A
UPC	822350803618

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Gender	Plug
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Metal	Brass, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.600/g
Number of Rows	2
Orientation	Straight
PCB Locator	No
PCB Retention	N/A
Packaging Type	Bag
Panel Mount	N/A
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.813µm
Plating min - Termination	2.032µm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire Size AWG	28, 30

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	N/A
Shield Type	Full Shield
Shielded	Yes



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 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	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[47271](#) Series

Mates With

[47272-0001](#)

Voltage - Maximum

40V AC

Material Info

Reference - Drawing Numbers

Electrical Model Document

EE-105088-001, EE-105276-001, EE-47272-001,
EE-47272-002

Packaging Specification

PK-47271-001

Product Specification

PS-47272-001-001

S-Parameter Model

SP-105276_47271-001

Sales Drawing

SD-47271-001

* DisplayPort is a Trademark of VESA

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