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Part Number:

47644-1001

Status:

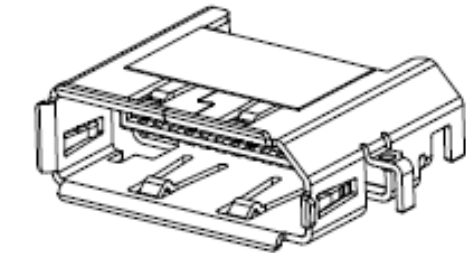
Active

Overview:

DisplayPort® and Mini DisplayPort Interconnect System

Description:

0.50mm Pitch DisplayPort® 0.23mm Center Height Reverse Sink Type Receptacle, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating,20 Circuits, with Surface Mount Tabs of Shell, Lead-Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-47272-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	47644
Application	Wire-to-Board
Component Type	Receptacle
Overview	DisplayPort® and Mini DisplayPort Interconnect System
Product Name	DisplayPort®
Type	N/A
UPC	883906373115

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.061/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
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

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

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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
47644Series

Mates With
47271 Plug Sub-Assemblies, 68783 Cable Series

Material Info

Reference - Drawing Numbers

Product Specification	PS-47272-001
Sales Drawing	SD-47644-002

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