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**Part Number:** [47644-1001](#)  
**Status:** **Active**  
**Overview:** [DisplayPort\\*](#)  
**Description:** 0.50mm Pitch DisplayPort\* 0.23mm Center Height Reverse Sink Type Receptacle, Right Angle, SMT, 0.76µm Gold (Au) Plating, 20 Circuits, with SMT Tabs of Shell, Lead-Free

**Documents:**

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

**General**

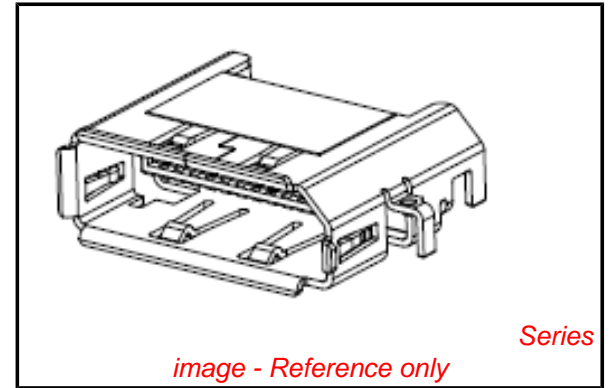
Product Family	I/O Connectors
Series	<a href="#">47644</a>
Application	Wire-to-Board
Component Type	Receptacle
Overview	<a href="#">DisplayPort*</a>
Product Name	DisplayPort*
Type	N/A
UPC	883906373115

**Physical**

Boot Color	N/A
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



**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](mailto: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](#)

Voltage - Maximum

40V AC

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-47272-001

Sales Drawing

SD-47644-002

\* DisplayPort is a Trademark of VESA

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