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Part Number: [47272-0023](#)
Status: **Active**
Overview: DisplayPort* Cables and Connectors
Description: 0.50mm Pitch DisplayPort* Male Receptacle, Right Angle, SMT, 0.76µm Gold (Au) Plating, 20 Circuits, without Cover; with Mylar, Latch Holes, Flange, Peg and SMT Tab of Shell, Lead-Free

Documents:

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

Agency Certification

UL E29179

General

Product Family I/O Connectors
 Series [47272](#)
 Application Wire-to-Board
 Comments SMT Peg of Shell
 Component Type Receptacle
 Overview [DisplayPort* Cables and Connectors](#)
 Product Name DisplayPort*
 Type N/A
 UPC 883906100704

Physical

Circuits (Loaded) 20
 Circuits (maximum) 20
 Color - Resin Black
 Flammability 94V-0
 Gender Male
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin-Bismuth
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.800/g
 Number of Rows 2
 Orientation Right Angle
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Panel Mount With 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°C to +85°C
 Termination Interface: Style Surface Mount
 Waterproof / Dustproof No

Electrical



image - Reference only

Series

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

[47272Series](#)

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

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

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