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**Part Number:** [105020-0001](#)  
**Status:** **Active**  
**Overview:** DisplayPort\*  
**Description:** 0.50mm Pitch DisplayPort\* Male Receptacle, Right Angle, Through Hole, DIP Type, 0.76µm Gold (Au) Plating, 20 Circuits, without Flange or Cover, Lead-Free

**Documents:**

[3D Model](#) [Test Summary TS-105020-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-47272-001 \(PDF\)](#)

**General**

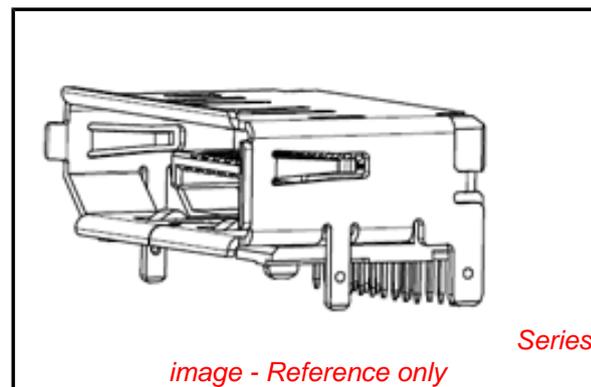
Product Family	I/O Connectors
Series	<a href="#">105020</a>
Application	Wire-to-Board
Comments	Without Flange. Without Cover
Component Type	Receptacle
Overview	<u>DisplayPort*</u>
Product Name	DisplayPort*
Type	N/A
UPC	822350968942

**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-Bismuth
Material - Resin	High Temperature Thermoplastic
Net Weight	2.214/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Without 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	Through Hole
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Low-Halogen Status  
Low-Halogen**

**China RoHS**



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 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**

[105020Series](#)

Shielded	Yes
Voltage - Maximum	40V AC

### **Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
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**

Electrical Model Document	EE-105020-001
Product Specification	PS-47272-001
Sales Drawing	SD-105020-001
Test Summary	TS-105020-001

\* DisplayPort is a Trademark of VESA

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