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**Part Number:** [1050200001](#)  
**Status:** **Active**  
**Overview:** displayport  
**Description:** 0.50mm (.020") Pitch DisplayPort\* Male Receptacle, Right Angle, Through Hole, DIP Type, 0.76µm (30µ") Gold (Au) Plating, 20 Circuits, without Flange or Cover, Leadfree

**Documents:**

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

**General**

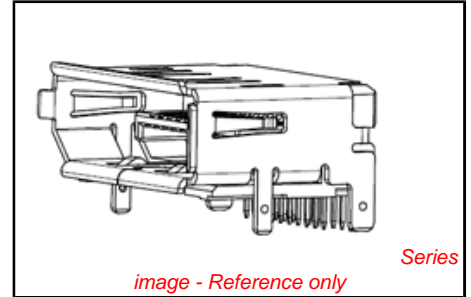
Product Family	I/O Connectors
Series	<a href="#">105020</a>
Application	Wire-to-Board
Comments	Without Flange. Without Cover
Component Type	Receptacle
Overview	displayport
Product Name	DisplayPort*
Type	N/A

**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
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Embossed Tape on Reel
Panel Mount	Without Flange
Pitch - Mating Interface	0.50mm (.020")
Pitch - Termination Interface	0.50mm (.020")
Plating min - Mating	0.762µm (30µ")
Plating min - Termination	1.016µm (40µ")
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
Shielded	Yes
Voltage - Maximum	40V AC



*image - Reference only*

<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>  <b>Contains SVHC: No</b>  <b>Low-Halogen Status</b>  <b>Low-Halogen</b></p>	<p><b>China RoHS</b></p>
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**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**  
[105020Series](#)

**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**

Country of Origin	CN, HK, JP
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**Reference - Drawing Numbers**

Packaging Specification	PK-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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