

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

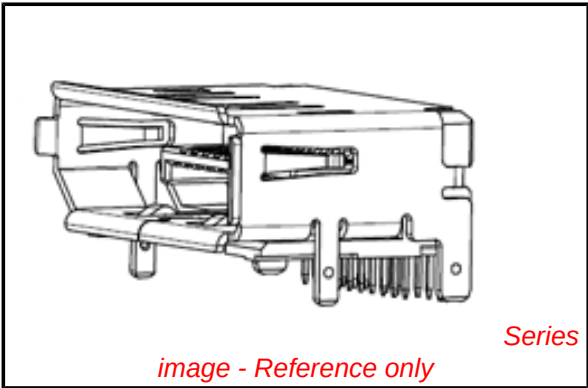
Part Number: [105020-0003](#)
Status: **Active**
Overview: [DisplayPort* and Mini DisplayPort Interconnect System](#)
Description: 0.50mm Pitch DisplayPort* Male Receptacle, Right Angle, Through Hole, DIP Type, 0.38µm Gold (Au) Plating, 20 Circuits, without Flange or Cover, Lead-Free

Documents:	
3D Model	Product Specification PS-47272-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	105020
Application	Wire-to-Board
Comments	Without Flange. Without Cover
Component Type	Receptacle
Overview	DisplayPort* and Mini DisplayPort Interconnect System
Product Name	DisplayPort*
Type	N/A
UPC	883906053246

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	2.163/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	0.381µm
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
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
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](#)

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	
Electrical Model Document	EE-105020-001
Product Specification	PS-47272-001
Sales Drawing	SD-105020-001
* DisplayPort is a Trademark of VESA	

This document was generated on 10/03/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION