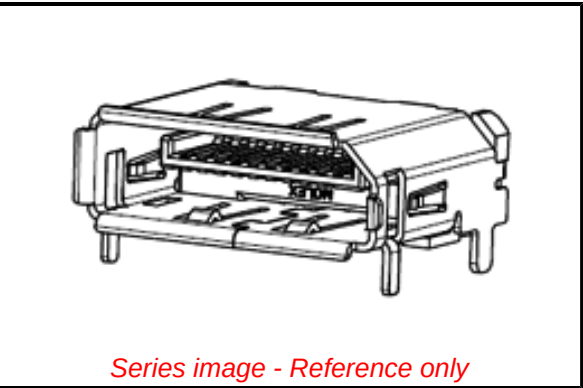


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	1050190001
Status:	Active
Overview:	DisplayPort* and Mini DisplayPort Interconnect System
Description:	0.50mm Pitch DisplayPort* Male Receptacle, Right Angle, Surface Mount, Reverse Type, 0.76µm Gold (Au) Plating, 20 Circuits, without Peg, Lead-Free
Documents:	
3D Model	Product Specification TS-105019-001-009 (PDF)
Drawing (PDF)	Packaging Specification PK-105019-001 (PDF)
Product Specification PS-47272-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



General	
Product Family	I/O Connectors
Series	105019
Application	Wire-to-Board
Comments	Without Post
Component Type	Receptacle
Overview	DisplayPort* and Mini DisplayPort Interconnect System
Product Name	DisplayPort*
Type	N/A
UPC	822350969123
Physical	
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	2.738/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	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
Shield Type	Full Shield
Shielded	Yes

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/30/2017 (7 July 2017)	
Halogen-Free Status	
Low-Halogen	
Need more information on product environmental compliance?	
Email productcompliance@molex.com	
Please visit the Contact Us section for any non-product compliance questions.	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[105019](#) Series

Voltage - Maximum	40V AC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-105019-001
Product Specification	PS-47272-001-001, TS-105019-001-009
Sales Drawing	SD-105019-001
* DisplayPort is a Trademark of VESA	

This document was generated on 08/28/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[105019-0001](#)