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Part Number:

105019-0005

Status:

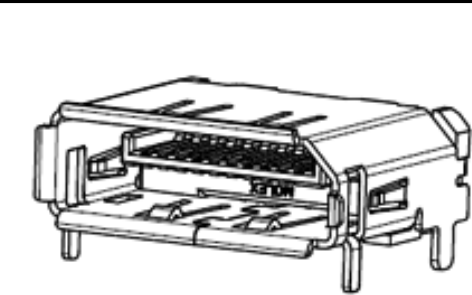
Active

Overview:

DisplayPort® Cables and Connectors

Description:

0.50mm Pitch DisplayPort® Male Receptacle, Right Angle, SMT, Reverse Type, Gold (Au) Flash Plating, 20 Circuits, without Peg, Lead-Free



Series

image - Reference only

Documents:

- [3D Model](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Drawing \(PDF\)](#)

General

Product Family	I/O Connectors
Series	105019
Application	Wire-to-Board
Comments	Without Post
Component Type	Receptacle
Overview	DisplayPort® Cables and Connectors
Product Name	DisplayPort®
Type	N/A
UPC	883906565053

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
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	0.051µm
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
Voltage - Maximum	40V AC

EU RoHS

ELV and RoHS
Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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
105019Series

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-105019-001

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