

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0529961070](#)
Status: **Active**
Overview: [ffc_fpc_smt](#)
Description: 1.00mm (.039") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 10 Circuits

Documents:

[3D Model](#) [Product Specification PS-52996-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family FFC/FPC Connectors
Series [52996](#)
Overview [ffc_fpc_smt](#)
Product Name N/A

Physical

Circuits (Loaded) 10
Circuits (maximum) 10
Contact Position Top
Durability (mating cycles max) 30
Entry Angle 90° Angle
Mated Height 2.70mm (.106")
Material - Metal Phosphor Bronze
Material - Plating Mating Tin-Bismuth
Material - Plating Termination Tin-Bismuth
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
PCB Thickness - Recommended 0.80mm (.031")
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.00mm (.039")
Pitch - Termination Interface 1.00mm (.039")
Plating min - Mating 1.016µm (40µ")
Plating min - Termination 1.016µm (40µ")
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FPC only

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification PS-52996-001, RPS-52996-001
Sales Drawing SD-52996-001, SD-52996-002

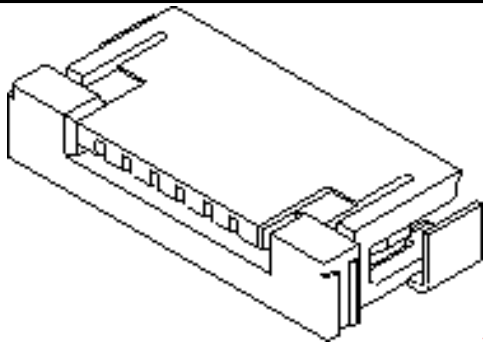


image - Reference only

Series

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

[52996Series](#)

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[52996-1070](#)