

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0512810694
Status: Active
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch FFC/FPC Connector, Surface Mount, Right Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 6 Circuits, Gold (Au) Plating

Documents:

3D Model
Drawing (PDF)
Product Specification PS-51281-003-001 (PDF)
Packaging Specification SPK-51281-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family FFC/FPC Connectors
Series 51281
Overview FFC-FPC (SMT)
Product Name Non-ZIF
UPC 822348700103

Physical

Circuits (Loaded) 6
Color - Resin Natural
Contact Position Dual
Durability (mating cycles max) 20
Entry Angle 90° Angle
Mated Height 1.20mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Net Weight 51.268/mg
Number of Rows 1
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.50mm
Plating min - Mating 0.102µm
Plating min - Termination 1.016µm
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FFC/FPC

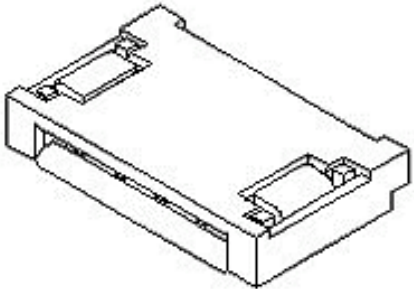
Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 50V

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-51281-001-001
Product Specification PS-51281-003-001
Sales Drawing SD-51281-011, SD-51281-012



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 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

51281 Series

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION