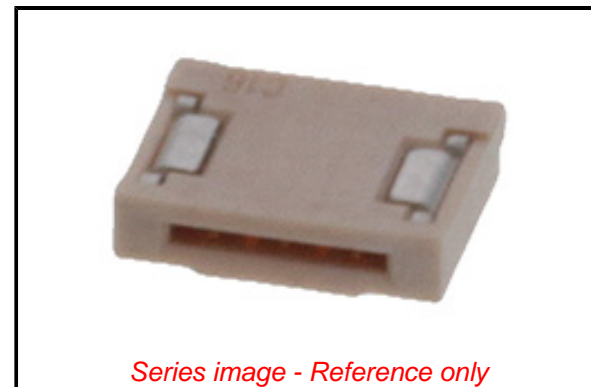


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0512810594](#)
Status: **Active**
Overview: Easy-On FFC FPC Connectors
Description: 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 5 Circuits, Gold (Au) Plating

Documents:

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



Series image - Reference only

General

Product Family	FFC/FPC Connectors
Series	51281
Overview	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822348700110

Physical

Actuator Type	Non-ZIF
Circuits (Loaded)	5
Color - Resin	Natural
Contact Position	Dual
Durability (mating cycles max)	20
Mated Height	1.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	46.619/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Mounting	Surface Mount
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° to +85°C
Wire/Cable Type	FFC/FPC

Electrical

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-51281-001-001
Packaging Specification	SPK-51281-001-001
Product Specification	PS-51281-003-001
Sales Drawing	SD-51281-011-001, SD-51281-011-002, SD-51281-012-001, SD-51281-012-002, SD-51281-012-003, SD-51281-012-004

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[51281 Series](#)

This document was generated on 02/22/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION