

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0512811294

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, 12 Circuits, Gold (Au) Plating

Documents:

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

General

Product Family

Series

Overview

Product Name

UPC

FFC/FPC Connectors

51281

Easy-On FFC FPC Connectors

Easy-On

822348700042

Physical

Actuator Type

Circuits (Loaded)

Color - Resin

Contact Position

Durability (mating cycles max)

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Mounting

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Wire/Cable Type

Non-ZIF

12

Natural

Dual

20

1.20mm

Phosphor Bronze

Gold

Tin

80.536/mg

1

Right Angle

No

Surface Mount

Yes

Embossed Tape on Reel

0.50mm

0.102µm

1.016µm

Yes

No

N/A

-20° to +85°C

FFC/FPC

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

AS-51281-001-001

SPK-51281-001-001

PS-51281-003-001

SD-51281-011-001, SD-51281-011-002,
SD-51281-012-001, SD-51281-012-002,
SD-51281-012-003, SD-51281-012-004



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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 01/17/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[51281-1294](#)