

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5018645081**  
**Status:** **Active**  
**Overview:** Easy-On FFC FPC Connectors  
**Description:** 0.50mm Pitch Easy-On FFC/FPC-to-Board Connector, Receptacle Housing Assembly, Right-Angle, Surface Mount, with Grounding Terminals, Tin-Bismuth Plating, 50 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-501864-003-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 5018649200-SPK-200 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	FFC/FPC Connectors
Series	501864
Comments	Requires a custom FFC/FPC with notches
Overview	<a href="#">Easy-On FFC FPC Connectors</a>
Product Name	Easy-On
UPC	800756937403

**Physical**

Actuator Type	Flexi-Latch
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Contact Position	Bottom
Durability (mating cycles max)	20
Flammability	94V-0
Mated Height	4.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	1059.892/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Mounting	Surface Mount
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +85°C
Wire/Cable Type	FFC/FPC

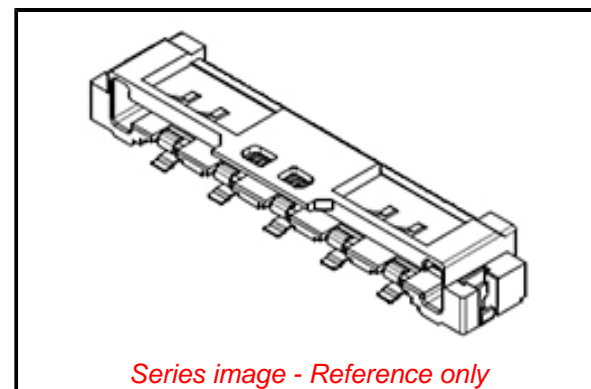
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	5018649200-SPK-200
Product Specification	PS-501864-003-001
Sales Drawing	SD-501864-010-001, SD-501864-011-001



**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**

501864 Series

**Use With**

Plug Jacket [5031505009](#) . Plug Jacket  
Cover [5031515009](#)

This document was generated on 10/04/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [FFC & FPC Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[FPH-1422G](#) [FPH-1602G](#) [K-FC20](#) [FH29B-80S-0.2SHW\(99\)](#) [FPH-2022G](#) [AYF332735](#) [52610-1075](#) [52610-1275](#) [52610-1934](#) [501864-3091-TR225](#) [086222026001800](#) [52610-0675](#) [62684-36210E9ALF](#) [52746-1671-TR250](#) [10051922-2810EHLF](#) [6-520415-9](#) [SFV6R-1STE9HLF](#) [XF3M-2915-1B-R100](#) [1658549-1](#) [AYF534065TA](#) [AYF351525](#) [086212040340800+](#) [AYF530365TA](#) [67000-014LF](#) [67000-004LF](#) [006207341915000+](#) [DS1020-19RT1D](#) [67000-003LF](#) [67000-011LF](#) [67000-016LF](#) [HFW14R-2STE9LF](#) [SFV32R-2STBE9HLF](#) [SFW12R-5STE9LF](#) [SFW18R-1STAE9LF](#) [SFW4R-5STE9LF](#) [52807-0430](#) [046283021002868+](#) [THD1015-8CL-SN](#) [67000-006LF](#) [502250-8027](#) [104267-9617](#) [66987-011LF](#) [AYF362535](#) [F0501-T-50-20T-R](#) [F1003-ZV-12-25T-R](#) [HFW8S-2STAE1HLF](#) [67000-008LF](#) [67000-012LF](#) [ECC576069EU](#) [F1002-B-20-20T-R](#)