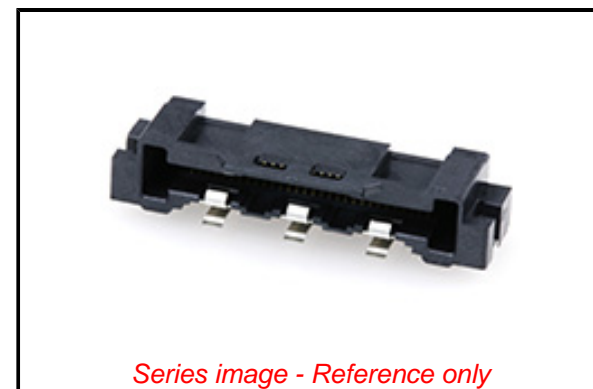


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5018643091](#)  
**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, Gold (Au) Plating, 30 Circuits

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">2D Drawing DXF (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-501864-004-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification 5018649200-SPK-200 (PDF)</a>
<a href="#">2D Drawing (DXF)</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
Taxonomy	FFC / FPC Connectors
UPC	822350663427

**Physical**

Actuator Type	Flexi-Latch
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Contact Position	Bottom
Durability (mating cycles max)	20
Flammability	94V-0
Mated Height	4.85mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	741.465/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
Plating min - Mating	0.100µm
Plating min - Termination	0.051µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FFC/FPC

**Electrical**

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

**Material Info**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 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**

501864 Series

**Mates With**

Premo-Flex LVDS Cable [15022](#)

**Use With**

Plug Jacket [5017833009](#) . Plug Jacket  
Cover [5017843008](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

5018649200-SPK-200

PS-501864-004-001

5018640002-000, 5018641002-000

This document was generated on 01/20/2023

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