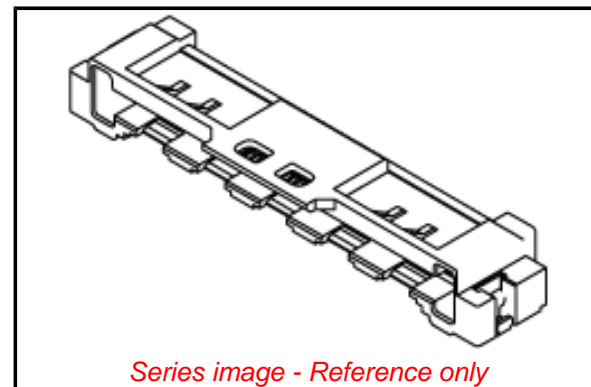


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5018648090](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 0.50mm Pitch Easy-On™ Type FFC-to-Board Connector, Receptacle Housing Assembly, Right Angle, Surface Mount, without Grounding terminals, 80 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-501864-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501864-001 \(PDF\)](#)



**General**

Product Family	FFC/FPC Connectors
Series	501864
Comments	Requires a custom FFC with notches
Overview	FFC-FPC (SMT)
Product Name	Easy-On™
UPC	822350206426

**Physical**

Circuits (Loaded)	80
Color - Resin	Black
Contact Position	Bottom
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height	4.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	903.840/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC only

**Electrical**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-501864-001
Product Specification	PS-501864-001, RPS-501864-006
Sales Drawing	SD-501864-001, SD-501864-002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

501864 Series

**Use With**

501783-8009 Plug Jacket . 501784-8009  
Plug Jacket Cover