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Part Number: [501864-8090](#)
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](#)
[Drawing \(PDF\)](#)
[Product Specification PS-501864-001 \(PDF\)](#)
[Packaging Specification SPK-501864-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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 +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC only

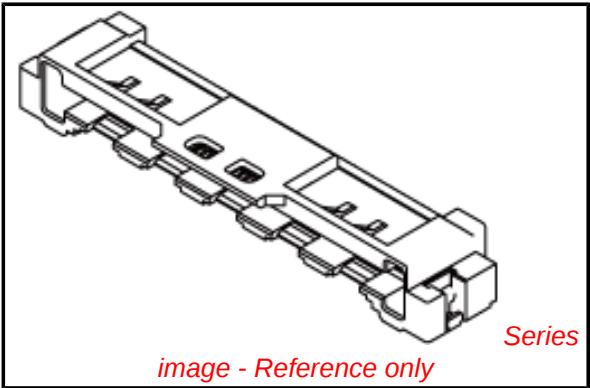
Electrical

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 RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
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Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

[501864Series](#)

Use With

[501783-8009 Plug Jacket](#) . [501784-8009 Plug Jacket Cover](#)