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Part Number: [5018645091](#)
Status: **Active**
Overview: [FFC-FPC \(SMT\)](#)
Description: 0.50mm Pitch Easy-On FFC-to-Board Connector, Receptacle Housing Assembly, Right-Angle, Surface Mount, with Grounding Terminals, Gold (Au) Plating, 50 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501864-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501864-004-001 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family [FFC/FPC Connectors](#)
Series [501864](#)
Comments Requires a custom FFC with notches, Requires a custom FFC with notches
Overview [FFC-FPC \(SMT\)](#)
Product Name Easy-On
UPC 887191465050

Physical

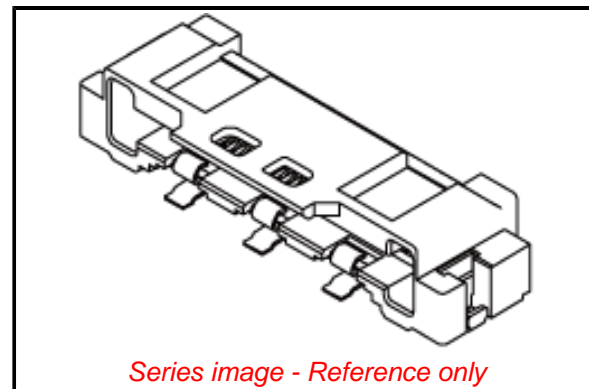
Actuator Type [FFC-to-Board](#)
Circuits (Loaded) 50
Circuits (maximum) 50
Color - Resin Black
Contact Position Bottom
Durability (mating cycles max) 20
Flammability 94V-0
Mated Height 4.85mm
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin Liquid Crystal Polymer
Net Weight 803.000/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 only

Electrical

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

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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](#)
LVDS Cable [15022](#)

Packaging Specification
Product Specification
Sales Drawing

SPK-501864-001-001
PS-501864-004-001
5018640002-000, 5018641002-000

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[52610-1075](#) [52610-1275](#) [52610-1934](#) [XF3M\(1\)-1415-1B-R100](#) [501864-3091-TR225](#) [0525594033](#) [086210010340800](#) [086222026001800](#)
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