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Part Number: [5018643091](#)
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, 30 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 822350663427

Physical

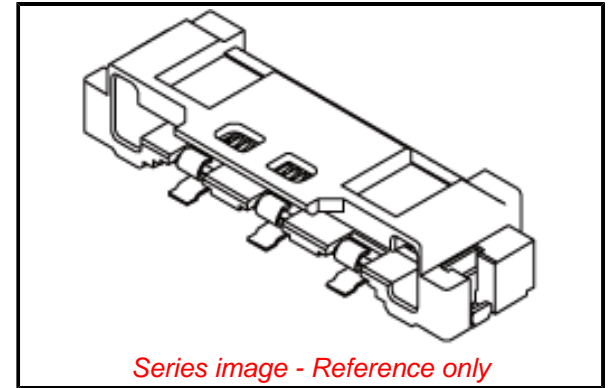
Actuator Type FFC-to-Board
 Circuits (Loaded) 30
 Circuits (maximum) 30
 Color - Resin Black
 Contact Position Bottom
 Durability (mating cycles max) 20
 Flammability 94V-0
 Mated Height 4.85mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin Liquid Crystal Polymer
 Net Weight 618.770/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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 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 [5017833009](#) . Plug Jacket
 Cover [5017843008](#)
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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