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Part Number:

5018645081

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, Tin-Bismuth Plating, 50 Circuits

Documents:

Drawing (PDF)

Product Specification PS-501864-003-001 (PDF)

Packaging Specification SPK-501864-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Comments

Overview

Product Name

UPC

FFC/FPC Connectors

501864

Requires a custom FFC with notches

FFC-FPC (SMT)

Easy-On

800756937403

Physical

Actuator Type

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Contact Position

Durability (mating cycles max)

Flammability

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Mounting

PCB Retention

Packaging Type

Pitch - Mating Interface

Polarized to PCB

Stackable

Temperature Range - Operating

Wire/Cable Type

FFC-to-Board

50

50

Black

Bottom

20

94V-0

4.85mm

Copper Alloy

Tin-Bismuth

Tin-Bismuth

Liquid Crystal Polymer

807.218/mg

1

Right Angle

Yes

Surface Mount

Yes

Embossed Tape on Reel

0.50mm

Yes

No

-40°C to +85°C

FFC only

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

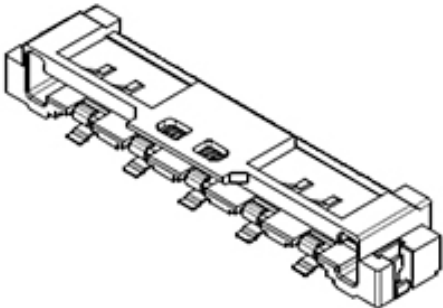
Product Specification

Sales Drawing

SPK-501864-001-001

PS-501864-003-001

SD-501864-010, SD-501864-011



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2018 (15

January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

501864 Series

Use With

Plug Jacket 503150-5009 . Plug Jacket

Cover 503151-5009
LVDS Cable 15022

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