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Part Number: **5017865081**

Status: **Active**

Overview: FFC-FPC (SMT)

Description: 0.50mm Pitch Easy-On FFC-to-Board Connector, Receptacle Housing Assembly, Vertical, Surface Mount, with Grounding Terminals, Tin-Bismuth Plating, 50 Circuits

Documents:

3D Model

Drawing (PDF)

Product Specification PS-501786-003-001 (PDF)

Packaging Specification SPK-501786-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Series image - Reference only

General

Product Family	FFC/FPC Connectors
Series	501786
Comments	Requires a custom FFC with notches, Requires a custom FFC with notches
Overview	FFC-FPC (SMT)
Product Name	Easy-On
UPC	800756937380

Physical

Actuator Type	FFC-to-Board
Circuits (Loaded)	50
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	20
Mated Height	11.95mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	684.600/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Mounting	Surface Mount
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +85°C
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-501786-001-001
Product Specification	PS-501786-003-001
Sales Drawing	SD-501786-010, SD-501786-011
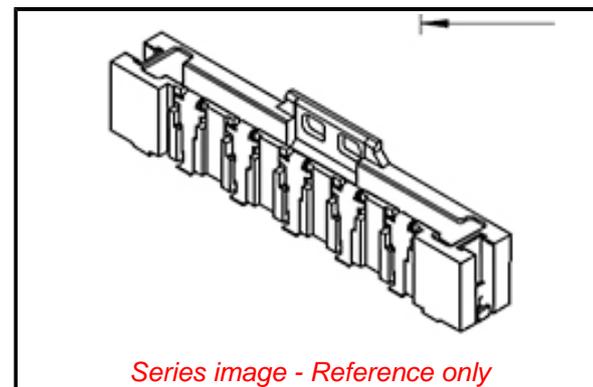
EU ELV
Not Relevant

EU RoHS   **China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
501786 Series

Use With
Plug Jacket 5031505009 . Plug Jacket Cover 5031515009
LVDS Cable 15022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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