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Part Number: [501864-5090](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch FFC-to-Board Connector, Receptacle Housing Assembly, Right Angle, SMT, without Grounding terminals, 50 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 N/A
UPC 822350575850

Physical
Circuits (Loaded) 50
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 689.600/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-501864-003



image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series
[501864Series](#)

Use With
[501783-5009 Plug Jacket](#) . [501784-5009 Plug Jacket Cover](#)