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Part Number: [501786-5090](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch FFC-to-Board Connector, Receptacle Housing Assembly, Vertical, SMT, without Grounding terminals, 50 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501786-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501786-001 \(PDF\)](#)

General

Product Family	FFC/FPC Connectors
Series	501786
Comments	Requires a custom FFC with notches
Overview	FFC-FPC (SMT)
Product Name	N/A
UPC	822350307659

Physical

Circuits (Loaded)	50
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	20
Entry Angle	Vertical
Mated Height	8.95mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	587.500/mg
Number of Rows	1
Orientation	Vertical
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

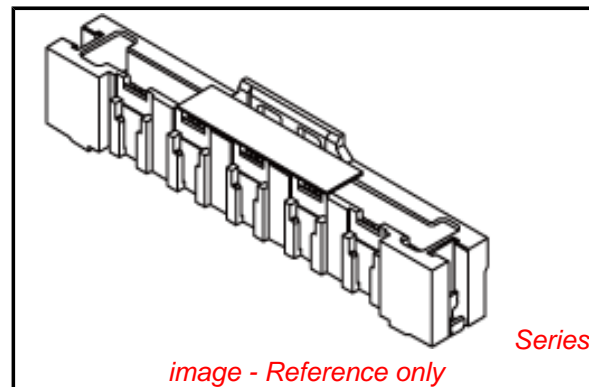
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-501786-001
Product Specification	PS-501786-001, RPS-501786-002, RPS-501786-003, RPS-501786-006
Sales Drawing	SD-501786-001, SD-501786-002



EU RoHS

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

China RoHS



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

501786Series

Use With

5031505009 Plug Jacket . 5031515009 Plug Jacket Cover

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