

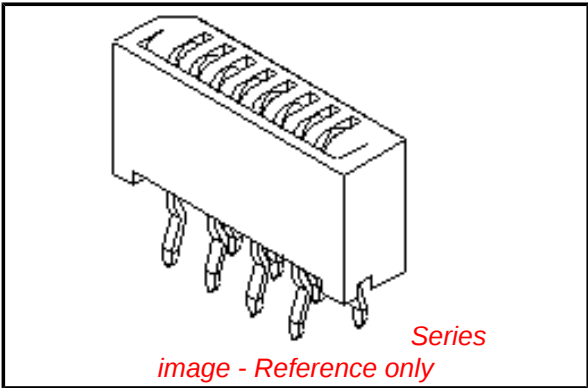
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Part Number: [0528061610](#)
Status: **Active**
Description: 1.00mm (.039") Pitch FFC/FPC Connector, Vertical, Surface Mount Compatible, Non-ZIF, Kinked PC Tails, 16 Circuits

Documents:
[3D Model](#) [Product Specification PS-52806-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	FFC/FPC Connectors
Series	52806
Product Name	N/A
Physical	
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Natural
Contact Position	N/A
Durability (mating cycles max)	10
Entry Angle	Vertical
Flammability	94V-0
Mated Height (in)	0.213 In
Mated Height (mm)	5.40 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.126 In
PC Tail Length (mm)	3.20 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole - Kinked Pin
Wire/Cable Type	FFC/FPC

Electrical	
Current - Maximum	0.5A
UL	E29179
Voltage - Maximum	50V AC (RMS)/DC



EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Halogen-Free Status Not Reviewed	China RoHS
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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
[52806Series](#)

Material Info

Reference - Drawing Numbers

Product Specification

PS-52806-003, RPS-52806-002, RPS-52806-008,
RPS-52806-009, RPS-52806-010, RPS-52806-012,
RPS-52806-013, RPS-52806-014
SD-52806-**10

Sales Drawing

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