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Part Number: [0039532285](#)
Status: **Active**
Description: 1.25mm (.049") Pitch FFC/FPC Connector, Through-Hole, Vertical, ZIF, 28 Circuits, Lead-free

Documents:

3D Model	Product Specification PS-5597-004 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	FFC/FPC Connectors
Series	5597
Product Name	N/A

Physical

Circuits (Loaded)	28
Color - Resin	Natural
Contact Position	N/A
Durability (mating cycles max)	30
Entry Angle	Vertical
Flammability	94V-0
Mated Height (in)	0.295 In
Mated Height (mm)	7.50 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Plating min: Mating (µin)	40
Plating min: Mating (µm)	1
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +80°C
Termination Interface: Style	Through Hole
Wire/Cable Type	FFC/FPC

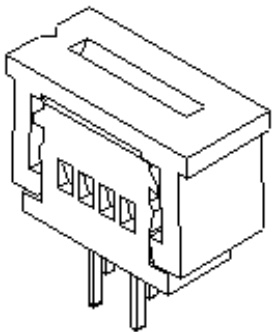
Electrical

Current - Maximum	1A
UL	E29179
Voltage - Maximum	200V

Material Info

Old Part Number	5597-28CPB7F
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Reference - Drawing Numbers



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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
[5597Series](#)

Product Specification

Sales Drawing

PS-5597-004, RPS-5597-005, RPS-5597-006,
RPS-5597-013, RPS-5597-014, RPS-5597-015,
RPS-5597-016
SD-5597-007

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