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**Part Number:** [39-53-2165](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(Through-Hole\)](#)  
**Description:** FFC/FPC Connector, Through-Hole, Vertical, ZIF, 16 Circuits

**Documents:**  
[3D Model](#) [Product Specification PS-5597-004 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
UL E29179

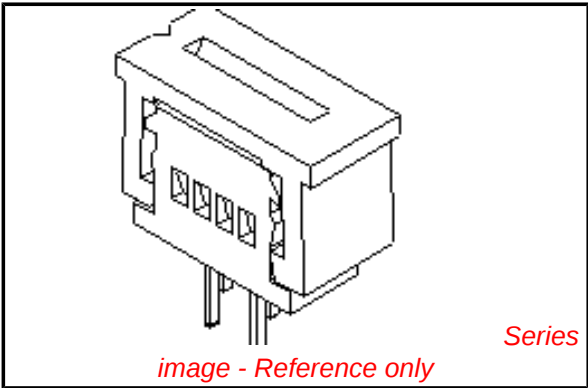
**General**  
Product Family FFC/FPC Connectors  
Series [5597](#)  
Overview [FFC-FPC \(Through-Hole\)](#)  
Product Name N/A  
UPC 822348190119

**Physical**  
Circuits (Loaded) 16  
Color - Resin Natural  
Contact Position N/A  
Durability (mating cycles max) 30  
Entry Angle Vertical  
Flammability 94V-0  
Mated Height 7.50mm  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin-Bismuth  
Material - Plating Termination Tin-Bismuth  
Material - Resin Polyester  
Net Weight 1456.730/mg  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 3.50mm  
PCB Locator No  
PCB Retention None  
Packaging Type Tray  
Pitch - Mating Interface 1.25mm  
Plating min - Mating 1.016µm  
Plating min - Termination 1.016µm  
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 per Contact 1A  
Voltage - Maximum 200V

**Material Info**  
Old Part Number 5597-16CPB7F

**Reference - Drawing Numbers**



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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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