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**Part Number:** [39-53-2124](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** 1.25mm Pitch FFC/FPC Connector, Through-Hole, Right Angle, ZIF, Top Contact Style, 12 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification SPK-5597-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-5597-004 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [5597](#)  
 Overview [FFC-FPC \(Through-Hole\)](#)  
 Product Name N/A  
 UPC 822348170197

**Physical**

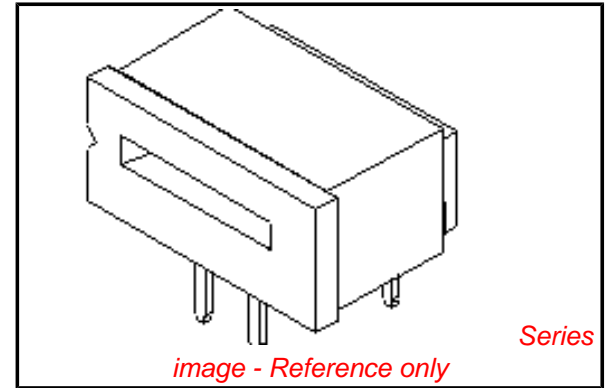
Circuits (Loaded) 12  
 Color - Resin Natural  
 Contact Position Top  
 Durability (mating cycles max) 30  
 Entry Angle 90° Angle  
 Flammability 94V-0  
 Mated Height 5.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Material - Resin Polyester  
 Net Weight 1107.240/mg  
 Number of Rows 1  
 Orientation Right Angle  
 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 5597-12APB7F



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**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](#)

## Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-5597-003

PS-5597-004, RPS-5597-005, RPS-5597-006,  
RPS-5597-013, RPS-5597-014, RPS-5597-015

SD-5597-011

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