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**Part Number:** [52610-1871](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 1.00mm Pitch FFC/FPC Connector, SMT, Vertical, ZIF Receptacle, 18 Circuits, Lead-Free, High Barrier Packaging

**Documents:**

[3D Model](#) [Packaging Specification SPK-52610-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52610-006 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [52610](#)  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name N/A  
 UPC 822348129911

**Physical**

Circuits (Loaded) 18  
 Contact Position N/A  
 Durability (mating cycles max) 30  
 Entry Angle Vertical  
 Flammability 94V-0  
 Mated Height 5.75mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Material - Resin Nylon  
 Net Weight 851.800/mg  
 Number of Rows 1  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.00mm  
 Polarized to PCB No  
 Stackable No  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FFC/FPC

**Electrical**

Current - Maximum per Contact 1A  
 Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

Package Specification SPK-52610-003  
 Product Specification PS-52610-006, RPS-52610-001, RPS-52610-002, RPS-52610-004, RPS-52610-026, RPS-52610-027, RPS-52610-028, RPS-52610-031, RPS-52610-034,



image - Reference only

**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**

[52610Series](#)

Sales Drawing

RPS-52610-037, RPS-52610-038, RPS-52610-040,  
RPS-52610-041, RPS-52610-043, RPS-52610-044,  
RPS-52610-046, RPS-52610-049, RPS-52610-050,  
RPS-52610-057, RPS-52610-058, RPS-52610-059,  
RPS-52610-062, RPS-52610-069  
SD-52610-038, SD-52610-041

This document was generated on 04/17/2013

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