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**Part Number:** [0528521870](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** 1.00mm Pitch FFC/FPC Connector, Surface Mount, Right Angle, Non-ZIF, Bottom Contact Style, 18 Circuits

**Documents:**

[3D Model](#) [Packaging Specification 528529200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52852-014 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [52852](#)  
 Overview [FFC-FPC \(SMT\)](#)  
 Product Name N/A  
 UPC 822348123506

**Physical**

Circuits (Loaded) 18  
 Circuits (maximum) 18  
 Contact Position Bottom  
 Durability (mating cycles max) 10  
 Entry Angle 90° Angle  
 Flammability 94V-0  
 Mated Height 3.10mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Net Weight 490.000/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 1.00mm  
 Pitch - Termination Interface 1.00mm  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -20°C to +80°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FFC/FPC

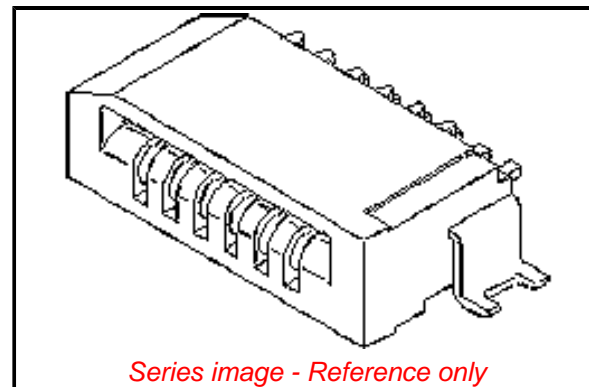
**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 528529200



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[52852](#) Series

**Mates With**

<a href="http://www.molex.com/product/premoflex\_ffc-fpc.html">Molex Premo-Flex FFC</a>. Be sure to match like plating

Product Specification

PS-52852-014, RPS-52852-017, RPS-52852-018,  
RPS-52852-019, RPS-52852-022, RPS-52852-023,  
RPS-52852-025  
SD-52852-010, SD-52852-011

Sales Drawing

This document was generated on 10/14/2016

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