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**Part Number:** **0520301829**  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** FFC/FPC Connector, Through-Hole, Vertical, FFC/FPC Connector, ZIF Receptacle, 18 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-52030-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52030-004-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [52030](#)  
 Overview [FFC-FPC \(Through-Hole\)](#)  
 Product Name N/A  
 UPC 822348169054

**Physical**

Circuits (Loaded) 18  
 Contact Position N/A  
 Durability (mating cycles max) 30  
 Entry Angle Vertical  
 Mated Height 5.20mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Material - Resin Nylon, Polyester  
 Net Weight 737.801/mg  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.20mm  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Polarized to PCB No  
 Stackable No  
 Temperature Range - Operating -20°C to +80°C  
 Termination Interface: Style Through Hole  
 Wire/Cable Type FFC/FPC

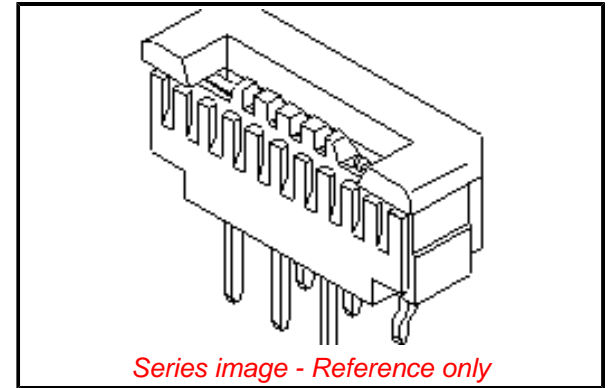
**Electrical**

Current - Maximum per Contact 1.0A  
 Voltage - Maximum 50V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-52030-001-001  
 Product Specification PS-52030-004-001  
 Sales Drawing 520301000-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**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**

[52030 Series](#)

**Mates With**

[http://www.molex.com/product/premoflex\\_ffc-fpc.html](http://www.molex.com/product/premoflex_ffc-fpc.html)>Molex Premo-Flex FFC</a>. Be sure to match like plating

This document was generated on 03/17/2017

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