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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

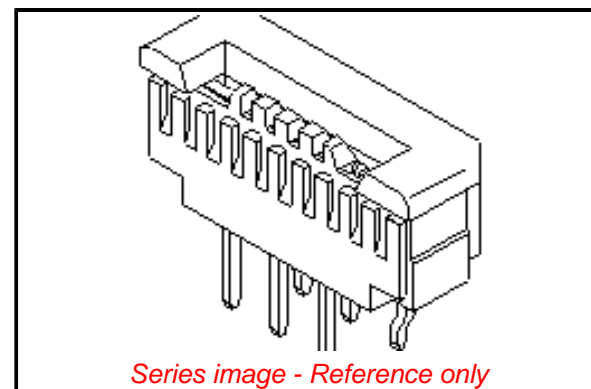
**Electrical**

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/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**

[52030 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

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