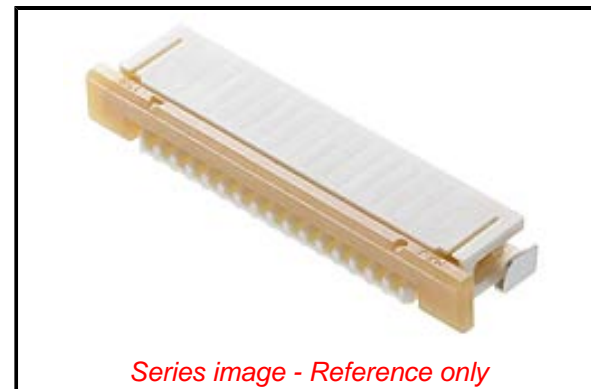


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0522712079](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (SMT)  
**Description:** Easy-On FFC/FPC Connector, 1.00mm Pitch, Slider Series, Right-Angle, Bottom Contact, 3.00mm Height, 20 Circuits, Tin-Bismuth Plating

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>   | <a href="#">Packaging Specification SPK-52271-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-52271-053-001 (PDF)</a>     | <a href="#">Product Literature (PDF)</a>                        |
| <a href="#">Application Specification AS-52271-001-001 (PDF)</a> |   |



*Series image - Reference only*

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                             |                               |
|-----------------------------|-------------------------------|
| Product Family              | FFC/FPC Connectors            |
| Series                      | <a href="#">52271</a>         |
| Overview                    | <a href="#">FFC-FPC (SMT)</a> |
| Product Literature Order No | 987651-8061                   |
| Product Name                | Easy-On                       |
| Series Name                 | Slider                        |
| UPC                         | 822348148790                  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Actuator Type                  | Slider                |
| Circuits (Loaded)              | 20                    |
| Color - Resin                  | Natural               |
| Contact Position               | Bottom                |
| Durability (mating cycles max) | 30                    |
| Flammability                   | 94V-0                 |
| Mated Height                   | 3.00mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Tin-Bismuth           |
| Material - Plating Termination | Tin-Bismuth           |
| Material - Resin               | Nylon                 |
| Net Weight                     | 277.000/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.00mm                |
| Pitch - Termination Interface  | 1.00mm                |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +85°C         |
| Wire/Cable Type                | FFC/FPC               |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[52271 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

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-52271-001-001  
SPK-52271-002-001  
PS-52271-053-001  
SD-52271-036-001, SD-52271-037

This document was generated on 10/30/2018

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