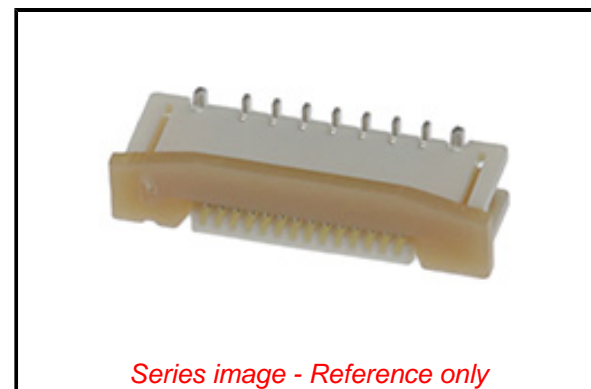


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0525591433](#)  
**Status:** **Active**  
**Overview:** Easy-On FFC FPC Connectors  
**Description:** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 14 Circuits, Tin-Silver-Bismuth Plating

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Product Specification PS-52559-019-001 (PDF)</a>    | <a href="#">Product Guide (PDF)</a>                  |
| <a href="#">Application Specification 525590003-A00 (PDF)</a>   | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification SPK-52559-003-001 (PDF)</a> | <a href="#">Reference Guide (PDF)</a>                |



**Agency Certification**

UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | FFC/FPC Connectors                         |
| Series         | <a href="#">52559</a>                      |
| Overview       | <a href="#">Easy-On FFC FPC Connectors</a> |
| Product Name   | Easy-On                                    |
| Series Name    | Slider                                     |
| UPC            | 887191290508                               |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Actuator Type                  | Slider                |
| Circuits (Loaded)              | 14                    |
| Color - Resin                  | Natural               |
| Contact Position               | N/A                   |
| Durability (mating cycles max) | 20                    |
| Flammability                   | 94V-0                 |
| Mated Height                   | 3.90mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Tin-Silver-Bismuth    |
| Material - Plating Termination | Tin-Silver-Bismuth    |
| Material - Resin               | Nylon                 |
| Net Weight                     | 213.336/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PC Tail Length                 | 2.00mm                |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.50mm                |
| Pitch - Termination Interface  | 0.50mm                |
| Polarized to PCB               | No                    |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +85°C         |
| Wire/Cable Type                | FFC/FPC               |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

**Material Info**

**Reference - Drawing Numbers**

|                           |               |
|---------------------------|---------------|
| Application Specification | 525590003-A00 |
|---------------------------|---------------|

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**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**

[52559](#) Series

**Mates With**

Premo-Flex FFC Cable [15166](#) , [98266](#) ,  
[15266](#) , [15366](#)

Packaging Specification  
Product Specification  
Sales Drawing

SPK-52559-003-001  
PS-52559-019-001  
SD-52559-058-001

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