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**Part Number:** **0525592253**

**Status:** **Active**

**Overview:** Easy-On FFC FPC Connectors

**Description:** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 22 Circuits, Gold Plating

*Series image - Reference only*

### Documents:

| | |
|---|---|
| 3D Model (PDF) | Application Specification 525590003-A00 (PDF) |
| 3D Model | Packaging Specification 525599200-200 (PDF) |
| 2D Drawing (DXF) | Datasheet (PDF) |
| 2D Drawing DXF (PDF) | Product Guide (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52559-014-001 (PDF) | Reference Guide (PDF) |

### Agency Certification
| | |
|---|---|
| UL | E29179 |

### General
| | |
|---|---|
| Product Family | FFC/FPC Connectors |
| Series | 52559 |
| Overview | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| Series Name | Slider |
| Taxonomy | FFC / FPC Connectors |
| UPC | 822350045339 |

### Physical
| | |
|---|---|
| Actuator Type | Slider |
| Circuits (Loaded) | 22 |
| 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 | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 292.102/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 1.016µm |
| 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

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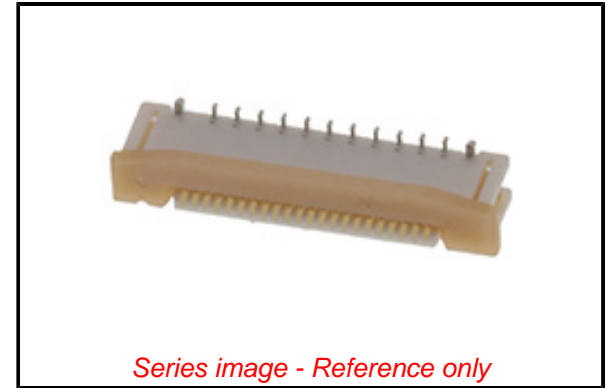
**EU ELV**
**Not Relevant**

**EU RoHS**          China RoHS
**Compliant**
**REACH SVHC**
Not Contained per -
D(2022)9120-DC (17
Jan 2023)
**Halogen-Free**
**Status**
**Not Low-Halogen**
For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
52559 Series

**Mates With**
Premo-Flex FFC Cable 15020

**Reference - Drawing Numbers**

| | |
|---|---|
| Application Specification | 525590003-A00 |
| Packaging Specification | 525599200-200 |
| Product Specification | PS-52559-014-001 |
| Sales Drawing | SD-52559-050-001 |

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