# molex
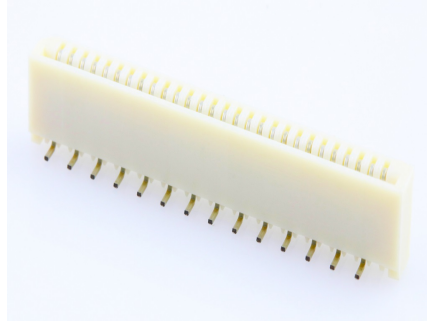
**Part Number :** 528082871

**Product Description :** 1.00mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Tin (Sn) Plating, with Pick-and-Place Polyimide Tape, 28 Circuits

**Series Number :** 52808

**Status :** Active

**Product Category :** FFC / FPC Connectors



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## Documents & Resources

### Drawings
Drawing_528082871_sd.pdf

### 3D Models and Design Files
3D Model_528082871_stp.zip

### Specifications
Packaging Specification_528089200-200.pdf
Product Specification_PS-52808-004-001.pdf

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## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | ⊖ |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

## Part Details

### General

| Status | Active |
|---|---|
| Category | FFC / FPC Connectors |
| Series | 52808 |
| Description | 1.00mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Tin (Sn) Plating, with Pick-and-Place Polyimide Tape, 28 Circuits |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 822348136384 |

### Agency

| UL | E29179 |
|---|---|

### Electrical

| Current - Maximum per Contact | 0.5A |
|---|---|
| Voltage - Maximum | 125V |

### Physical

| Actuator Type | Non-ZIF |
|---|---|
| Circuits (Loaded) | 28 |
| Circuits (maximum) | 28 |
| Color - Resin | Natural |
| Contact Position | N/A |
| Durability (mating cycles max) | 10 |
| Mated Height | 5.05mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin-Bismuth |

| | |
|---|---|
| Material - Plating Termination | Tin-Bismuth |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 692.300/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | None |
| Pitch - Mating Interface | 1.00mm |
| Pitch - Termination Interface | 1.00mm |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -20° to +80°C |
| Wire/Cable Type | FFC/FPC |