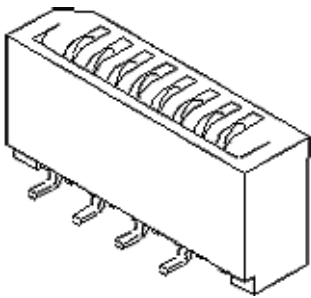




**Part Number :** [528081770](#)  
**Product Description :** 1.00mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Tin (Sn) Plating, 17 Circuits  
**Series Number :** 52808  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



Documents & Resources

**Drawings**  
[528081770\\_sd.pdf](#)

**3D Models and Design Files**  
[528081770\\_stp.zip](#)

**Specifications**  
[528089200-200.pdf](#)  
[PS-52808-004-001.pdf](#)

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(2024)6225-DC (07 Nov 2024)                                        |
| 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

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### 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, 17 Circuits |
| Product Name | Easy-On                                                                                                 |
| UPC          | 822348142828                                                                                            |

#### Agency

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

#### Electrical

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

#### Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Actuator Type                  | Non-ZIF                        |
| Circuits (Loaded)              | 17                             |
| Circuits (maximum)             | 17                             |
| 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                     | 445.700/mg                     |

|                               |                       |
|-------------------------------|-----------------------|
| 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               |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number  |
|-------------------------------------|--------------|
| 1.00mm Pitch Premo-Flex FFC Jumpers | <u>15167</u> |
| 1.00mm Pitch Premo-Flex FFC Jumpers | <u>15267</u> |
| 1.00mm Pitch Premo-Flex FFC Jumpers | <u>98267</u> |