



Part Number : 528521870

Series Number : 52852

Product Category : FFC / FPC Connectors

Product Description : 1.00mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Bottom Contact Style, 18 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 528521870\_sd.pdf

3D Models and Design Files

3D Model 528521870\_stp.zip

Specifications

Packaging Specification 528529200-200.pdf

Product Specification PS-52852-014-001.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(2023)8585-DC (23 Jan 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         | 52852                                                                                                          |
| Description    | 1.00mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Bottom Contact Style, 18 Circuits |
| Product Family | Easy-On FFC FPC Connectors                                                                                     |
| Product Name   | Easy-On                                                                                                        |
| UPC            | 822348123506                                                                                                   |

#### Agency

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

#### Electrical

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

#### Physical

|                                |                 |
|--------------------------------|-----------------|
| Actuator Type                  | Non-ZIF         |
| Circuits (Loaded)              | 18              |
| Circuits (maximum)             | 18              |
| Contact Position               | Bottom          |
| Durability (mating cycles max) | 10              |
| Flammability                   | 94V-0           |
| Mated Height                   | 3.10mm          |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin-Bismuth     |
| Material - Plating Termination | Tin-Bismuth     |

|                               |                       |
|-------------------------------|-----------------------|
| Net Weight                    | 490.000/mg            |
| Orientation                   | Right Angle           |
| Packaging Type                | Embossed Tape on Reel |
| PCB Locator                   | No                    |
| PCB Mounting                  | Surface Mount         |
| PCB Retention                 | Yes                   |
| Pitch - Mating Interface      | 1.00mm                |
| Pitch - Termination Interface | 1.00mm                |
| Plating min - Mating          | 1.016µm               |
| Plating min - Termination     | 1.016µm               |
| 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> |