



**Part Number :** [5035665102](#)  
**Product Description :** 0.30mm Pitch Easy-On FPC Connector, Right-Angle, Bottom Contact, 0.95mm Height, 51 Circuits, Gold over Nickel Plating  
**Series Number :** 503566  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



Documents & Resources

**Drawings**  
[5035665102\\_sd.pdf](#)

**3D Models and Design Files**  
[5035665102\\_stp.zip](#)

**Specifications**  
[5035660000-A00.pdf](#)  
[5035669200-200.pdf](#)  
[5035660000-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | 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       | 503566                                                                                                                |
| Description  | 0.30mm Pitch Easy-On FPC Connector, Right-Angle, Bottom Contact, 0.95mm Height, 51 Circuits, Gold over Nickel Plating |
| Product Name | Easy-On                                                                                                               |
| UPC          | 191128129916                                                                                                          |

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum             | 50V  |

#### Physical

|                                |                        |
|--------------------------------|------------------------|
| Actuator Type                  | Front Flip             |
| Circuits (Loaded)              | 51                     |
| Circuits (maximum)             | 51                     |
| Color - Resin                  | Natural                |
| Contact Position               | Bottom                 |
| Durability (mating cycles max) | 10                     |
| Mated Height                   | 0.95mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 71.614/mg              |
| Orientation                    | Right Angle            |

|                               |                       |
|-------------------------------|-----------------------|
| Packaging Type                | Embossed Tape on Reel |
| PCB Locator                   | No                    |
| PCB Mounting                  | Surface Mount         |
| PCB Retention                 | None                  |
| Pitch - Mating Interface      | 0.30mm                |
| Polarized to PCB              | Yes                   |
| Stackable                     | No                    |
| Temperature Range - Operating | -40° to +105°C        |
| Wire/Cable Type               | FPC only              |

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## Mates With / Use With

### Mates with Part(s)

| Description                                            | Part Number  |
|--------------------------------------------------------|--------------|
| 0.30mm Pitch Premo-Flex FPC Jumpers with Latching Ears | <u>15032</u> |