



**Part Number :** [151660919](#)

**Product Description :** 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 305.00mm Cable Length, Tin (Sn) Plating, 21 Circuits

**Series Number :** 15166

**Status :** Active

**Product Category :** Flexible Printed Circuit (FPC) Flex Jumpers



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## Documents & Resources

### Drawings

[151660919\\_sd.pdf](#)

### Specifications

[PS-15166-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |              |
|--------------------|--------------|
| China RoHS         | Not Reviewed |
| EU ELV             | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC         | Not Reviewed |
| EU RoHS            | Not Reviewed |

### 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     | Flexible Printed Circuit (FPC) Flex Jumpers                                                                           |
| Series       | 15166                                                                                                                 |
| Description  | 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 305.00mm Cable Length, Tin (Sn) Plating, 21 Circuits |
| Comments     | Contacts on the same side, Type A                                                                                     |
| Product Name | Premo-Flex FFC Jumper                                                                                                 |
| UPC          | 884982922211                                                                                                          |

### Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 0.5A   |
| Voltage - Maximum             | 60V AC |

### Physical

|                               |                 |
|-------------------------------|-----------------|
| Cable Length                  | 305.00mm        |
| Circuits (Loaded)             | 21              |
| Contact Layout Type           | A (same side)   |
| Design Feature                | Ultra-Flexible  |
| Material - Plating Mating     | Tin             |
| Net Weight                    | 1.000/g         |
| Packaging Type                | Bag             |
| Pitch - Mating Interface      | 0.50mm          |
| Temperature Range - Operating | -40° to +105°C  |
| Termination Style             | FFC Connector   |
| Wire/Cable Type               | Flat Flex Cable |
| Wire Size (AWG)               | N/A             |

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## Mates With / Use With

### Mates with Part(s)

|             |             |
|-------------|-------------|
| Description | Part Number |
|-------------|-------------|

|                                                                                                                                                            |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 21 Circuits, Tin-Bismuth Plating                          | <u>524352172</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 21 Circuits, Tin-Bismuth Plating                       | <u>524372172</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 21 Circuits, Tin-Bismuth Plating                                          | <u>525592172</u> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Tin Bismuth Plating, Short Terminal Type, Black, 21 Circuits | <u>781192110</u> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Long Terminal Type, Black, 21 Circuits   | <u>781272110</u> |