



**Part Number :** [151660435](#)

**Product Description :** 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 152.00mm Cable Length, Tin (Sn) Plating, 40 Circuits

**Series Number :** 15166

**Status :** Active

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



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## Documents & Resources

### Drawings

[Drawing 151660435\\_sd.pdf](#)

### Specifications

[Product Specification PS-15166-001-001.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

## 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), 152.00mm Cable Length, Tin (Sn) Plating, 40 Circuits |
| Comments       | Contacts on the same side, Type A   |
| Product Family | FFC Cable Jumpers, Premo-Flex Flat-Flexible Cable Jumpers   |
| Product Name   | Premo-Flex FFC Jumper   |
| UPC            | 884982849334  |

### Electrical

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

### Physical

|                               |                 |
|-------------------------------|-----------------|
| Cable Length                  | 152.00mm        |
| Circuits (Loaded)             | 40              |
| 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  |
| 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, V-Flip Series, Vertical, 4.05mm Height, 40 Circuits, Copper Alloy, Tin-Bismuth Plating             | <u>5019514000</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 40 Circuits, Tin-Silver-Bismuth Plating                    | <u>0525594033</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 40 Circuits, Tin-Silver-Bismuth Plating    | <u>0541044033</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 40 Circuits, Tin-Silver-Bismuth Plating | <u>0541324033</u> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, 1.90mm Height, Single Bottom Contact (FS19), Right-Angle, Surface Mount, ZIF, 40 Circuits           | <u>5052784033</u> |