



**Part Number :** [151660138](#)

**Product Description :** 0.50mm Pitch Premo-Flex FFC Jumper, Opposite Side Contacts (Type D), 305.00mm Cable Length, Tin (Sn) Plating, 12 Circuits

**Series Number :** 15166

**Status :** Active

**Product Category :** Flat-Flexible Cable (FFC)



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## Documents & Resources

### Drawings

[151660138\\_sd.pdf](#)

### Specifications

[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 ECHA_01_2020 (16 January 2020)                                      |
| 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     | Flat-Flexible Cable (FFC)                                                                                                 |
| Series       | 15166                                                                                                                     |
| Description  | 0.50mm Pitch Premo-Flex FFC Jumper, Opposite Side Contacts (Type D), 305.00mm Cable Length, Tin (Sn) Plating, 12 Circuits |
| Comments     | Contacts on opposite sides, Type D                                                                                        |
| Product Name | Premo-Flex FFC Jumper                                                                                                     |
| UPC          | 884982846302                                                                                                              |

### Electrical

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

### Physical

|                               |                   |
|-------------------------------|-------------------|
| Cable Length                  | 305.00mm          |
| Circuits (Loaded)             | 12                |
| Contact Layout Type           | D (opposite 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, Vertical, 3.90mm Height, 12 Circuits, Tin-Silver-Bismuth Plating                                   | <u>525591272</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 12 Circuits, Tin-Bismuth                                  | <u>527451296</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 12 Circuits, Tin-Bismuth Plating                       | <u>527461270</u> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Tin Bismuth Plating, Short Terminal Type, Black, 12 Circuits | <u>781191210</u> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Long Terminal Type, Black, 12 Circuits   | <u>781271210</u> |