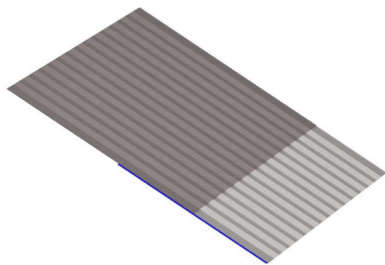




**Part Number :** [151660141](#)  
**Product Description :** 0.50mm Pitch Premo-Flex FFC  
Jumper, Same Side Contacts (Type A), 51.00mm Cable  
Length, Tin (Sn) Plating, 14 Circuits  
**Series Number :** 15166  
**Status :** Active  
**Product Category :** Flat-Flexible Cable (FFC)



## Documents & Resources

### Drawings

- [151660141 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

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

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 2025)                                                            |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

|              |                                                                                                                      |
|--------------|----------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                               |
| Category     | Flat-Flexible Cable (FFC)                                                                                            |
| Series       | 15166                                                                                                                |
| Description  | 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 51.00mm Cable Length, Tin (Sn) Plating, 14 Circuits |
| Comments     | Contacts on the same side, Type A                                                                                    |
| Product Name | Premo-Flex FFC Jumper                                                                                                |
| UPC          | 884982846333                                                                                                         |

### Electrical

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

### Physical

|                           |                |
|---------------------------|----------------|
| Cable Length              | 51.00mm        |
| Circuits (Loaded)         | 14             |
| 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             |

## 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, 14 Circuits, Tin-Bismuth Plating                                          | <a href="#"><u>525591472</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 14 Circuits, Tin-Bismuth Plating                                          | <a href="#"><u>525591470</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 14 Circuits, Tin-Bismuth                                  | <a href="#"><u>527451496</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 14 Circuits, Tin-Bismuth Plating                       | <a href="#"><u>527461470</u></a> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Tin Bismuth Plating, Short Terminal Type, Black, 14 Circuits | <a href="#"><u>781191410</u></a> |
| 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Long Terminal Type, Black, 14 Circuits   | <a href="#"><u>781271410</u></a> |

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