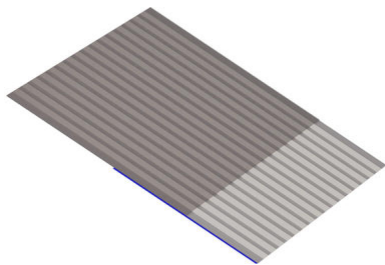




**Part Number :** [151660182](#)  
**Product Description :** 0.50mm Pitch Premo-Flex FFC  
Jumper, Opposite Side Contacts (Type D), 305.00mm  
Cable Length, Tin (Sn) Plating, 16 Circuits  
**Series Number :** 15166  
**Status :** Active  
**Product Category :** Flat-Flexible Cable (FFC)



## Documents and Resources

### Drawings

- [151660182 sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

### Specifications

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

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                      |
| REACH SVHC         | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)                  |
| 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, Opposite Side Contacts (Type D), 305.00mm Cable Length, Tin (Sn) Plating, 16 Circuits |
| Comments     | Contacts on opposite sides, Type D                                                                                        |
| Product Name | Premo-Flex FFC Jumper                                                                                                     |
| UPC          | 884982846746                                                                                                              |

### Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 0.35A  |
| Voltage - Maximum             | 60V AC |

### Physical

|                           |                   |
|---------------------------|-------------------|
| Cable Length              | 305.00mm          |
| Circuits (Loaded)         | 16                |
| Contact Layout Type       | D (opposite side) |
| Design Feature            | Ultra-Flexible    |
| Material - Plating Mating | Tin               |
| Net Weight                | 0.817/g           |

|                               |                           |
|-------------------------------|---------------------------|
| Packaging Type                | Bag                       |
| Pitch - Mating Interface      | 0.50mm                    |
| Temperature Range - Operating | -40° to +105°C            |
| Termination Style             | FFC Connector             |
| Wire/Cable Type               | Flat Flexible Cable (FFC) |
| 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, 16 Circuits, Tin-Bismuth Plating                                           | <a href="#"><u>525591672</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 16 Circuits, Tin-Bismuth Plating                                           | <a href="#"><u>525591670</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 16 Circuits, Tin-Bismuth                                   | <a href="#"><u>527451696</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 16 Circuits, Tin-Bismuth Plating                        | <a href="#"><u>527461670</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Tin Bismuth Plating, Short Terminal Type, Black, 16 Circuits | <a href="#"><u>781191610</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Long Terminal Type, Black, 16            | <a href="#"><u>781271610</u></a> |

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