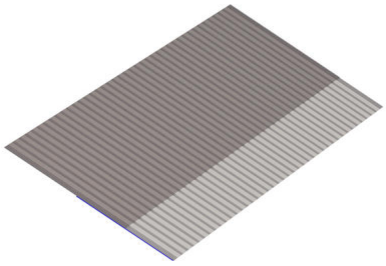
**Part Number :** 151660427
**Product Description :** 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 51.00mm Cable Length, Tin (Sn) Plating, 40 Circuits
**Series Number :** 15166
**Status :** Active
**Product Category :** Flat-Flexible Cable (FFC)



## Documents and Resources

### Drawings

151660427_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, Same Side Contacts (Type A), 51.00mm Cable Length, Tin (Sn) Plating, 40 Circuits |
| Comments | Contacts on the same side, Type A |
| Product Name | Premo-Flex FFC Jumper |
| UPC | 884982849259 |

### Electrical

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

### Physical

| | |
|---|---|
| Cable Length | 51.00mm |
| Circuits (Loaded) | 40 |
| Contact Layout Type | A (same side) |
| Design Feature | Ultra-Flexible |
| Material - Plating Mating | Tin |
| Net Weight | 0.436/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, V-Flip Series, Vertical, 4.05mm Height, 40 Circuits, Copper Alloy, Tin-Bismuth Plating | 5019514000 |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 40 Circuits, Tin-Bismuth Plating | 525594072 |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 40 Circuits, Tin-Bismuth Plating | 541044096 |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 40 Circuits, Tin-Bismuth Plating | 541324097 |