



**Part Number :** 150160545

**Series Number :** 15016

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

**Product Description :** 0.50mm Pitch Premo-Flex One-Touch FFC Jumper with Ears, Same Side Contacts (Type A), 152.00mm Cable Length, Gold (Au) Plating, 50 Circuits

**Status :** Active

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## Documents & Resources

### Drawings

Drawing 150160545\_sd.pdf

### Specifications

Product Specification 150160001-000.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
- chemSHERPA (xml)

## Part Details

### General

|                |                                                                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                     |
| Category       | Flexible Printed Circuit (FPC) Flex Jumpers                                                                                                |
| Series         | 15016                                                                                                                                      |
| Description    | 0.50mm Pitch Premo-Flex One-Touch FFC Jumper with Ears, Same Side Contacts (Type A), 152.00mm Cable Length, Gold (Au) Plating, 50 Circuits |
| Product Family | FFC Cable Jumpers, Premo-Flex Flat-Flexible Cable Jumpers                                                                                  |
| Product Name   | Premo-Flex FFC Jumper                                                                                                                      |
| UPC            | 195842135055                                                                                                                               |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.4A |
| Voltage - Maximum             | N/A  |

### Physical

|                               |                    |
|-------------------------------|--------------------|
| Cable Length                  | 152.00mm           |
| Circuits (Loaded)             | 50                 |
| Contact Layout Type           | A (same side)      |
| Design Feature                | Superior Retention |
| Material - Plating Mating     | Gold               |
| 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 One-Touch Connector, 0.50mm Pitch, Right-Angle, Bottom Contact, 4.46mm Height, 105°C Operating Temperature, 50 Circuits, Gold (Au) Plating | <u>2004850450</u> |
| Easy-On FFC/FPC One-Touch Connector, 0.50mm Pitch, Vertical, 5.60mm Height, 105°C Operating Temperature, 50 Circuits, Gold (Au) Plating                    | <u>2004850550</u> |