



Part Number : 150180078

Series Number : 15018

Product Category : Flexible Printed Circuit (FPC) Flex Jumpers

Product Description : 0.50mm Pitch Premo-Flex FFC Jumper with Ears, Opposite Side Contacts (Type D), 76.00mm Cable Length, Gold (Au) Plating, 8 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 150180078\_sd.pdf

Specifications

Product Specification 150180001-000.pdf

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)8585-DC (23 Jan 2024)                                        |
| 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         | 15018                                                                                                                              |
| Description    | 0.50mm Pitch Premo-Flex FFC Jumper with Ears, Opposite Side Contacts (Type D), 76.00mm Cable Length, Gold (Au) Plating, 8 Circuits |
| Comments       | Contacts on opposite sides, Type D                                                                                                 |
| Product Family | FFC Cable Jumpers, Premo-Flex Flat-Flexible Cable Jumpers                                                                          |
| Product Name   | Premo-Flex FFC Jumper                                                                                                              |
| UPC            | 193264329267                                                                                                                       |

### Electrical

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

### Physical

|                               |                    |
|-------------------------------|--------------------|
| Cable Length                  | 76.00mm            |
| Circuits (Loaded)             | 8                  |
| Contact Layout Type           | D (opposite 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 Connector,<br>0.50mm Pitch, FD19 Series, Right-<br>Angle, Bottom Contact, 1.90mm<br>Height, 8 Circuits, Gold over Nickel<br>Plating | <u>5051100892</u> |