



**Part Number :** [150200129](#)

**Product Description :** 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 178.00mm Cable Length, Gold (Au) Plating, 12 Circuits

**Series Number :** 15020

**Status :** Active

**Product Category :** Flat-Flexible Cable (FFC)



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## Documents and Resources

### Drawings

[150200129 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PS-15020-001-001.pdf](#)

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## 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         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                                          |
| 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       | 15020                                                                                                                  |
| Description  | 0.50mm Pitch Premo-Flex FFC Jumper, Same Side Contacts (Type A), 178.00mm Cable Length, Gold (Au) Plating, 12 Circuits |
| Comments     | Contacts on the same side, Type A                                                                                      |
| Product Name | Premo-Flex FFC Jumper                                                                                                  |
| UPC          | 884982175914                                                                                                           |

### Electrical

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

### Physical

|                           |               |
|---------------------------|---------------|
| Cable Length              | 178.00mm      |
| Circuits (Loaded)         | 12            |
| Contact Layout Type       | A (same side) |
| Design Feature            | Flexible      |
| Material - Plating Mating | Gold          |
| Net Weight                | 0.871/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                       |

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## 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, 12 Circuits, Phosphor Bronze, Gold Plating                           | <a href="#"><u>5019511230</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, V-Flip Series, Vertical, 4.05mm Height, 12 Circuits, Copper Alloy, 125°C Operating Temperature, Gold Plating | <a href="#"><u>5019511250</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, FBH1 Series, Right-Angle, Dual Contact, 1.00mm Height, 12 Circuits, Gold over Nickel Plating                 | <a href="#"><u>5034801200</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 12 Circuits, Gold over Nickel Plating               | <a href="#"><u>5051101292</u></a> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 12 Circuits, Gold Plating                                            | <a href="#"><u>525591252</u></a>  |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 12 Circuits, Gold Plating                            | <a href="#"><u>527451297</u></a>  |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series,                                                                                               | <a href="#"><u>527461271</u></a>  |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Right-Angle, Bottom Contact, 2.00mm Height, 12 Circuits, Gold Plating                                                                                 |                  |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 12 Circuits, Gold (Au) Plating | <u>512811298</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Bottom Contact Style, 12 Circuits, Gold (Au) Plating         | <u>545481272</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 12 Circuits, Gold (Au) Plating            | <u>545501272</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Gold Plating, Black, 12 Circuits                       | <u>781191220</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Gold Plating, Black, 12 Circuits                        | <u>781271220</u> |
| Easy-On FFC/FPC Connector, 0.50mm Pitch, 1.30mm Height, Right-Angle, Surface Mount, ZIF, Bottom Contact Style, 12 Circuits, Gold (Au) Contact Plating | <u>512961294</u> |