

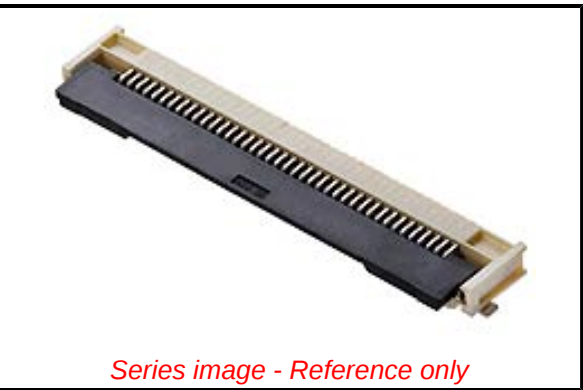
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 5051101692

**Status:** Active

**Overview:** Easy-On FFC FPC Connectors

**Description:** Easy-On FFC/FPC Connector, 0.50mm Pitch, FD19 Series, Right-Angle, Bottom Contact, 1.90mm Height, 16 Circuits, Gold over Nickel Plating



Series image - Reference only

- Documents:**
- [3D Model \(PDF\)](#)[Packaging Specification 5051109200-201 \(PDF\)](#)
- [3D Model](#)[Datasheet \(PDF\)](#)
- [Drawing \(PDF\)](#)[Product Guide \(PDF\)](#)
- [Product Specification 5051100000-PS-000 \(PDF\)](#)[RoHS Certificate of Compliance \(PDF\)](#)
- [Packaging Specification 5051109200-200 \(PDF\)](#)[Reference Guide \(PDF\)](#)

| General        |                            |
|----------------|----------------------------|
| Product Family | FFC/FPC Connectors         |
| Series         | 505110                     |
| Comments       | Black Actuator             |
| Overview       | Easy-On FFC FPC Connectors |
| Product Name   | Easy-On                    |
| Series Name    | FD19                       |
| UPC            | 889056255905               |

| Physical                       |                        |
|--------------------------------|------------------------|
| Actuator Type                  | Front Flip             |
| Circuits (Loaded)              | 16                     |
| Color - Resin                  | Beige                  |
| Contact Position               | Bottom                 |
| Durability (mating cycles max) | 20                     |
| Mated Height                   | 1.90mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 155.640/mg             |
| Number of Rows                 | 1                      |
| Orientation                    | Right Angle            |
| PCB Locator                    | No                     |
| PCB Mounting                   | Surface Mount          |
| PCB Retention                  | Yes                    |
| Packaging Type                 | Embossed Tape on Reel  |
| Pitch - Mating Interface       | 0.50mm                 |
| Pitch - Termination Interface  | 0.50mm                 |
| Plating min - Mating           | 0.051µm                |
| Plating min - Termination      | 0.051µm                |
| Polarized to PCB               | Yes                    |
| Stackable                      | No                     |
| Temperature Range - Operating  | -40° to +105°C         |
| Wire/Cable Type                | FFC/FPC                |

| Electrical                    |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

Material Info

| Reference - Drawing Numbers |                                |
|-----------------------------|--------------------------------|
| Packaging Specification     | 5051109200-200, 5051109200-201 |
| Product Specification       | 5051100000-PS-000              |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series  
505110 Series

Mates With  
Premo-Flex FFC Cable [15020](#) , [15018](#)

This document was generated on 09/02/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**