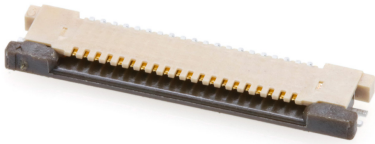




**Part Number :** [545502071](#)  
**Product Description :** 0.50mm Pitch Easy-On FFC/FPC Connector, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 20 Circuits, Gold (Au) Contact Plating  
**Series Number :** 54550  
**Status :** Obsolete  
**Product Category :** FFC / FPC Connectors



## Documents & Resources

### Product Environment Compliance

#### Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                |
| China RoHS         |                                                |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                 |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| 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)

#### EU RoHS Certificate of Compliance

### Part Details

#### General

|              |                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Obsolete                                                                                                                                          |
| Category     | FFC / FPC Connectors                                                                                                                              |
| Series       | 54550                                                                                                                                             |
| Description  | 0.50mm Pitch Easy-On FFC/FPC Connector, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 20 Circuits, Gold (Au) Contact Plating |
| Comments     | Brown Actuator                                                                                                                                    |
| Product Name | Easy-On                                                                                                                                           |
| UPC          | 822348181025                                                                                                                                      |

## Electrical

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

## Physical

|                                |                        |
|--------------------------------|------------------------|
| Actuator Type                  | Slider                 |
| Circuits (Loaded)              | 20                     |
| Color - Resin                  | Natural                |
| Contact Position               | Top                    |
| Durability (mating cycles max) | 20                     |
| Mated Height                   | 1.20mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Tin                    |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 101.522/mg             |
| Orientation                    | Right Angle            |
| Packaging Type                 | Embossed Tape on Reel  |
| PCB Locator                    | No                     |
| PCB Mounting                   | Surface Mount          |
| PCB Retention                  | Yes                    |
| Pitch - Mating Interface       | 0.50mm                 |
| Polarized to PCB               | Yes                    |
| Stackable                      | No                     |

|                               |               |
|-------------------------------|---------------|
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type               | FFC/FPC       |