

**Part Number :** [545502471](#)

**Product Description :** 0.50mm Pitch Easy-On FFC/  
FPC Connector, 1.20mm Height, Right-Angle, Surface  
Mount, ZIF, Top Contact Style, 24 Circuits, Gold Contact  
Plating

**Series Number :** 54550

**Status :** Obsolete

**Product Category :** FFC / FPC Connectors



---

## Documents & Resources

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[SPK-54550-056-001.pdf](#)

[PS-54550-012-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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

## 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, 24 Circuits, Gold Contact Plating
Comments	Brown Actuator
Product Name	Easy-On
UPC	822348181056

### Electrical

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

### Physical

Actuator Type	Slider
Circuits (Loaded)	24
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	116.446/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

### Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	250

---

This document was generated on Sep 22, 2025