



**Part Number :** [5027904091](#)

**Product Description :** 0.50mm Pitch Easy-On Front Flip FPC Connector, Surface Mount, ZIF, Double Bottom Contact, 2.50mm Height, Accepts FFC/FPC with Ear-tabs, 40 Circuits



**Series Number :** 502790

**Status :** Not Recommended For New Design

**Product Category :** FFC / FPC Connectors

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## Documents & Resources

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

### Specifications

[SPK-502790-001-001.pdf](#)


[PS-502790-001-001.pdf](#)

[PS-502790-002-001.pdf](#)

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## 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	Not 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

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## Part Details

### General

Status	Not Recommended For New Design
Category	FFC / FPC Connectors
Series	502790
Description	0.50mm Pitch Easy-On Front Flip FPC Connector, Surface Mount, ZIF, Double Bottom Contact, 2.50mm Height, Accepts FFC/FPC with Ear-tabs, 40 Circuits
Product Name	Easy-On
UPC	883906279875

### Electrical

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

### Physical

Actuator Type	Front Flip
Circuits (Loaded)	40
Color - Resin	Beige
Contact Position	Bottom
Mated Height	2.50mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	371.161/mg

Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FPC only