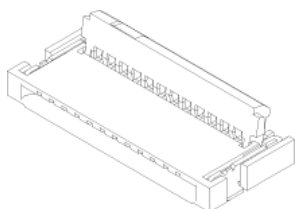


**Part Number: 502118-5090**

**0.50mm Pitch Easy-On™ BackFlip™ FPC Connector, 0.90mm Height, Right Angle, SMT, Dual Contact Style, 50 Circuits, Lead-Free**




Series image - Reference only

**Status:** Contact Molex  
**Series:** 502118  
**Category:** FFC/FPC Connectors

### Product Environmental Compliance

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:** 

**REACH SVHC:** Contains SVHC: No

**Low-Halogen Status:** Not Reviewed

### Part Detail

#### General

<b>Status</b>	Contact Molex
Category	FFC/FPC Connectors
Series	502118
Product Name	BackFlip™, Easy-On™

#### Physical

Circuits (Loaded)	50
Color - Resin	Beige, Brown
Contact Position	Dual
Durability (mating cycles max)	10
Entry Angle	90° Angle
Mated Height	0.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FPC only

#### Electrical

**(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

#### Material Info

UPC	822350821155
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#### Reference - Drawing Numbers

Product Specification	PS-502118-001, RPS-502118-001
Sales Drawing	SD-502118-001, SD-502118-002

### Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

#### Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

