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**Part Number:** [5051470290](#)  
**Status:** **Active**  
**Overview:** Flexi-Latch™ Right-Angle FPC-to-Board Connector System  
**Description:** 2.00mm Pitch Flexi-Latch FPC-to-Board Connector, Right Angle, Surface Mount, Positive Inertia Lock, 2 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification 5051479200 \(PDF\)](#)  
[Product Specification 5051470000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [505147](#)  
 Overview [Flexi-Latch™ Right-Angle FPC-to-Board Connector System](#)  
 Product Name Flexi-Latch  
 UPC 887191676289

**Physical**

Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Black  
 Contact Position Bottom  
 Durability (mating cycles max) 25  
 Entry Angle 90° Angle  
 Mated Height 4.85mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 Material - Plating Termination Gold over Nickel  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 418.100/mg  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 2.00mm  
 Plating min - Mating 0.102µm  
 Plating min - Termination 0.051µm  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -40°C to +125°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FPC only

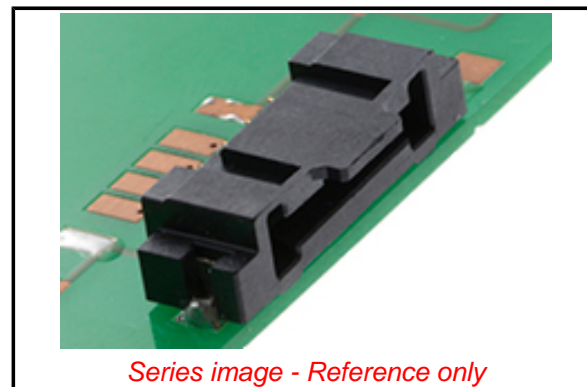
**Electrical**

Current - Maximum per Contact 1.5A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification [5051479200](#)  
 Product Specification [5051470000](#)  
 Sales Drawing [5051470000](#), [5051471000](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

[505147 Series](#)

**Use With**

Cable Plug Jacket [505148-0208](#)

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