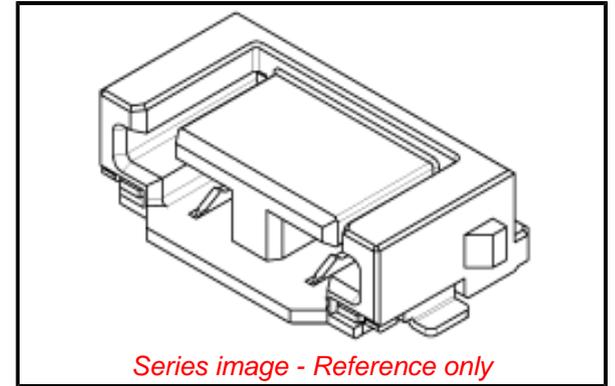


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Part Number: [5034710200](#)
Status: **Active**
Overview: [Flexi-Mate Connector System](#)
Description: Flexi-Mate 3.70mm Pitch Board-to-Board/Wire-to-Board Receptacle, Surface Mount, Right Angle, 3.00mm Stacking Height, 2 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-503471-001-061 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-503471-001-001 (PDF) |
| Product Specification 5034710000-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-503471-001-001 (PDF) | |



Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 503471 |
| Application | Board-to-Board, Power, Wire-to-Board |
| Overview | Flexi-Mate Connector System |
| Product Name | Flexi-Mate |
| UPC | 883906918637 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | White |
| Durability (mating cycles max) | 15 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Mated Height | 3.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 174.060/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 3.70mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 500V |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|-----------------------------------|
| Application Specification | AS-503471-001-061 |
| Packaging Specification | SPK-503471-001-001 |
| Product Specification | 5034710000-000, PS-503471-001-001 |
| Sales Drawing | SD-503471-001, SD-503471-002 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[503471](#) Series

Mates With

[503469](#) PCB Header for B-to-B . [503473](#) Housing and [503485](#) Crimp Terminal for W-to-B

This document was generated on 05/18/2018

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