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**Part Number:** [503469-0200](#)  
**Status:** **Active**  
**Description:** Flexi-Mate™ 3.70mm Pitch Board-to-Board Plug, SMT, Right Angle, 3.00mm Stacking Height, 2 Circuits

**Documents:**

[3D Model](#) [Application Specification AS-503471-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-503471-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [503469](#)  
 Application Board-to-Board, Signal  
 Product Name Flexi-Mate™  
 UPC 883906917005

**Physical**

Breakaway No  
 Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin White  
 Durability (mating cycles max) 5  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Mated Height 3.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 342.200/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

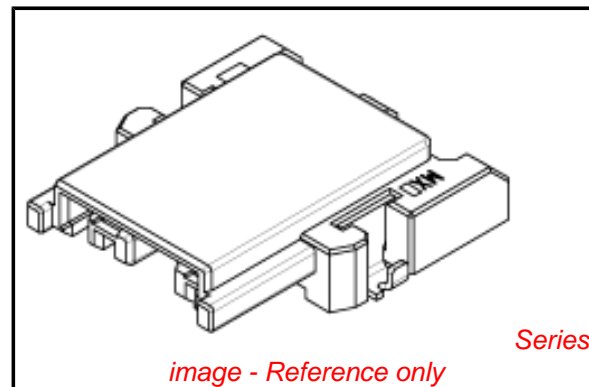
**Electrical**

Current - Maximum per Contact 2A  
 Voltage - Maximum 500V

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-503471-001  
 Product Specification PS-503471-001, RPS-503469-001, RPS-503471-001, RPS-503471-002, RPS-503471-004, RPS-503471-005, RPS-503471-007, RPS-503474-002  
 Sales Drawing SD-503469-001, SD-503469-002



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[503469Series](#)

**Mates With**

[503471 PCB Receptacle](#)

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