

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0510040900**  
**Status:** **Active**  
**Overview:** [microblade](#)  
**Description:** 2.00mm (.079") Pitch MicroBlade™ Wire-to-Board Housing, Friction Lock, 5.80mm (.228") Height, 9 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51004-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [51004](#)  
 MolexKits Yes  
 Overview [microblade](#)  
 Product Name MicroBlade™

**Physical**

Circuits (maximum) 9  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Resin Polyester  
 Number of Rows 1  
 Packaging Type Bag  
 Panel Mount No  
 Pitch - Mating Interface (in) 0.079 In  
 Pitch - Mating Interface (mm) 2.00 mm  
 Stackable No  
 Temperature Range - Operating -20°C to +85°C

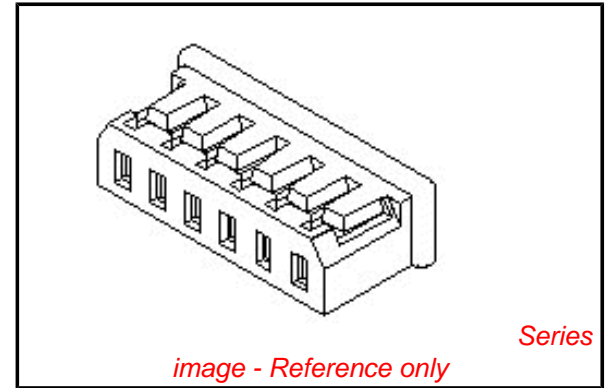
**Electrical**

Current - Maximum per Contact 2A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-51004-001  
 Product Specification PS-51004-002, RPS-51004-001, RPS-51004-002, RPS-51004-003, RPS-51004-004, RPS-51004-006, RPS-51004-008, RPS-51004-010, RPS-51004-011, RPS-51004-012, RPS-51004-013, RPS-51004-014, RPS-51004-015, RPS-51004-016, RPS-51004-017, RPS-51004-018, RPS-51004-019, RPS-51004-020, RPS-51004-021, RPS-51004-022, RPS-51004-023, RPS-51004-024, RPS-51004-025  
 Sales Drawing SD-51004-\*\*00



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



**Not Halogen-Free**  
**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**

[51004Series](#)

**Mates With**

[53014](#) , [53015](#) , [53025](#) MicroBlade™ Headers

**Use With**

[50011](#) Crimp Terminal

