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**Part Number:** **51004-0300**  
**Status:** **Active**  
**Overview:** MicroBlade™ Connection System  
**Description:** 2.00mm Pitch MicroBlade™ Wire-to-Board Housing, Friction Lock, 5.80mm Height, 3 Circuits

**Documents:**

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

**Agency Certification**

CSA      LR19980  
UL      E29179

**General**

Product Family      Crimp Housings  
Series      51004  
Application      Signal, Wire-to-Board  
Overview      MicroBlade™ Connection System  
Product Name      MicroBlade™  
UPC      800753575929

**Physical**

Circuits (maximum)      3  
Flammability      94V-0  
Gender      Receptacle  
Glow-Wire Compliant      No  
Lock to Mating Part      Yes  
Material - Resin      Polyester  
Net Weight      96.500/mg  
Number of Rows      1  
Packaging Type      Bag  
Panel Mount      No  
Pitch - Mating Interface      2.00mm  
Stackable      No  
Temperature Range - Operating      -20°C to +85°C

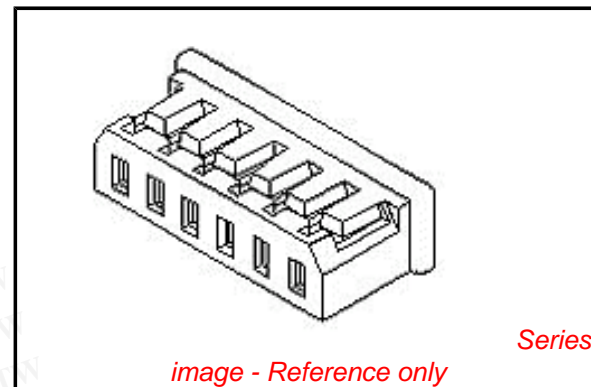
**Electrical**

Current - Maximum per Contact      2A

**Material Info**

**Reference - Drawing Numbers**

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, RPS-51004-026  
Sales Drawing      SD-51004-\*\*00



**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**

51004Series

**Mates With**

53014 , 53015 , 53025 MicroBlade™  
Headers

**Use With**

50011 Crimp Terminal

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