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**Part Number:** [0510041200](#)  
**Status:** **Active**  
**Overview:** MicroBlade™ Connection System  
**Description:** 2.00mm Pitch MicroBlade™ Wire-to-Board Housing, Friction Lock, 5.80mm Height, 12 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51004-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [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 800753576018

**Physical**

Circuits (maximum) 12  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Resin Polyester  
 Net Weight 315.700/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

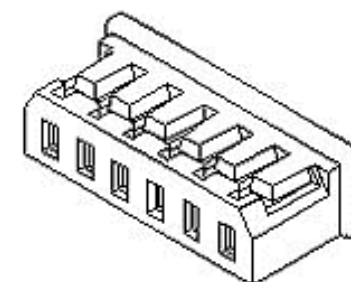
**Electrical**

Current - Maximum per Contact 2.0A

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51004-002-001  
 Sales Drawing SD-51004-\*\*00



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Not 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[51004 Series](#)

**Mates With**

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

**Use With**

[50011](#) Crimp Terminal