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**Part Number:** [53014-0510](#)  
**Status:** **Active**  
**Overview:** MicroBlade™ Connection System  
**Description:** 2.00mm Pitch MicroBlade™ Wire-to-Board Header, Vertical, 5 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

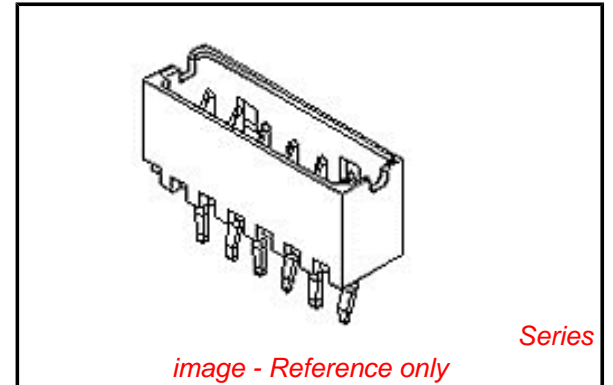
Product Family PCB Headers  
 Series [53014](#)  
 Application Signal, Wire-to-Board  
 MolexKits Yes  
 Overview [MicroBlade™ Connection System](#)  
 Product Name MicroBlade™  
 UPC 800753566699

**Physical**

Breakaway No  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 340.000/mg  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.50mm  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 2.00mm  
 Polarized to PCB No  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 2A  
 Voltage - Maximum 125V



*image - Reference only*

**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**

[53014Series](#)

**Mates With**

[51004 Crimp Housing](#), [50011 Crimp Terminal](#)

## Material Info

### Reference - Drawing Numbers

Product Specification

PS-51004-002, RPS-51004-001, RPS-51004-002,  
RPS-51004-003, RPS-51004-004, RPS-51004-008,  
RPS-51004-010, RPS-51004-011, RPS-51004-014,  
RPS-51004-018, RPS-51004-019, RPS-51004-020,  
RPS-51004-022, RPS-51004-023, RPS-51004-024,  
RPS-51004-025, RPS-51004-026, RPS-53014-001  
SD-53014-001

Sales Drawing

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