

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

**Part Number:** **0530140610**  
**Status:** **Active**  
**Overview:** MicroBlade™ Connection System  
**Description:** 2.00mm Pitch MicroBlade™ Wire-to-Board Header, Vertical, 6 Circuits

**Documents:**

[3D Model](#) [Packaging Specification 530149200-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51004-002-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

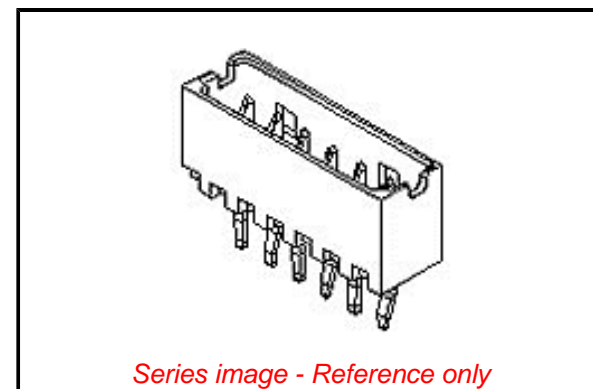
Product Family PCB Headers  
 Series 53014  
 Application Signal, Wire-to-Board  
 MolexKits Yes  
 Overview [MicroBlade™ Connection System](#)  
 Product Name MicroBlade™  
 UPC 800753566255

**Physical**

Breakaway No  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 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 398.000/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 2.0A  
 Voltage - Maximum 125V



*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**

53014 Series

**Mates With**

51004 Crimp Housing, 50011 Crimp  
 Terminal

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

530149200-200

Product Specification

PS-51004-002-001

Sales Drawing

SD-53014-001

This document was generated on 12/22/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**