

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

**Part Number:** **0500118100**  
**Status:** **Active**  
**Overview:** MicroBlade™ Connection System  
**Description:** 2.00mm Pitch MicroBlade™ Wire-to-Wire Crimp Terminal, Female, 24-30 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-55381-004 \(PDF\)](#)  
[Product Specification PS-51004-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51049-001 \(PDF\)](#)

**General**

Product Family Crimp Terminals  
Series [50011](#)  
Application Signal  
Crimp Quality Equipment Yes  
MolexKits Yes  
Overview [MicroBlade™ Connection System](#)  
Packaging Alternative [50011-8000 \(Reel\)](#)  
Product Name MicroBlade™  
UPC 800753576223

**Physical**

Gender Female  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 22.500/mg  
Packaging Type Bag  
Termination Interface: Style Crimp or Compression  
Wire Insulation Diameter 0.80-1.40mm  
Wire Size AWG 24, 26, 28, 30  
Wire Size mm² N/A

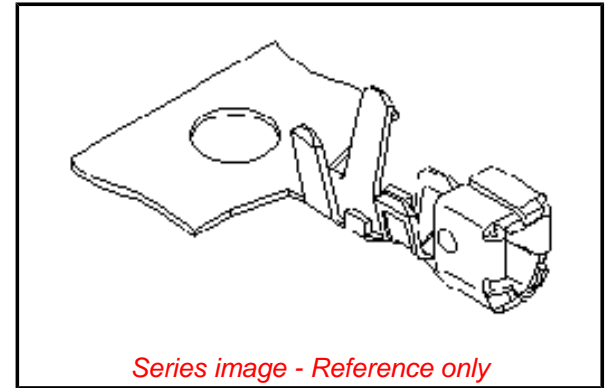
**Electrical**

Current - Maximum per Contact 2.0A  
Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**

Crimp Specification CS-50011-8\*00  
Product Specification PS-51004-002, PS-51049-001, PS-55381-004, RPS-51004-001, RPS-51004-002, RPS-51004-003, RPS-51004-004, RPS-51004-006, RPS-51004-007, RPS-51004-008, RPS-51004-009, 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, RPS-53014-001, RPS-55381-001, RPS-55381-002, RPS-55381-004  
Sales Drawing SD-50011-8\*00



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**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  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[50011 Series](#)

**Mates With**

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

**Use With**

[51004 MicroBlade™ Housing](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Hand Crimp Tool for [0638190100](#)  
Crimp Terminals  
Extraction Tool [0011030043](#)

**Japan**

**Description**

**Product #**

Extraction Tool

0571056000

Hand Crimp Tool

0570325000

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