

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

**Part Number:** **0500118100**  
**Status:** **Active**  
**Overview:** microblade  
**Description:** 2.00mm (.079") 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  
 Crimp Quality Equipment Yes  
 MolexKits Yes  
 Overview microblade  
 Product Name MicroBlade™

**Physical**

Gender Female  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Packaging Type Bag  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 0.80-1.40mm (.031-.055")  
 Wire Size AWG 24, 26, 28, 30  
 Wire Size mm² N/A

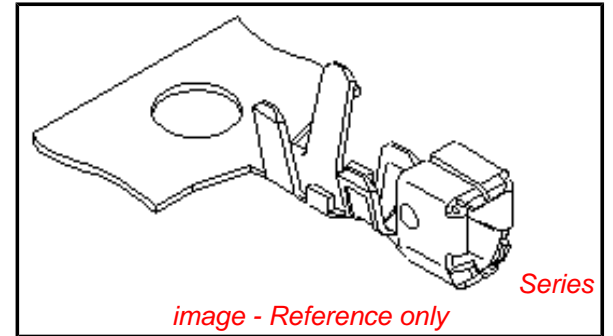
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-50011  
 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-53014-001, RPS-55381-001, RPS-55381-002  
 Sales Drawing SD-50011-8\*00



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**  
**Halogen-Free**

**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**

50011Series

**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 Milli-Grid™ and MicroBlade Crimp Terminals	<a href="#">0638190100</a>
Extraction Tool	<a href="#">0011030043</a>

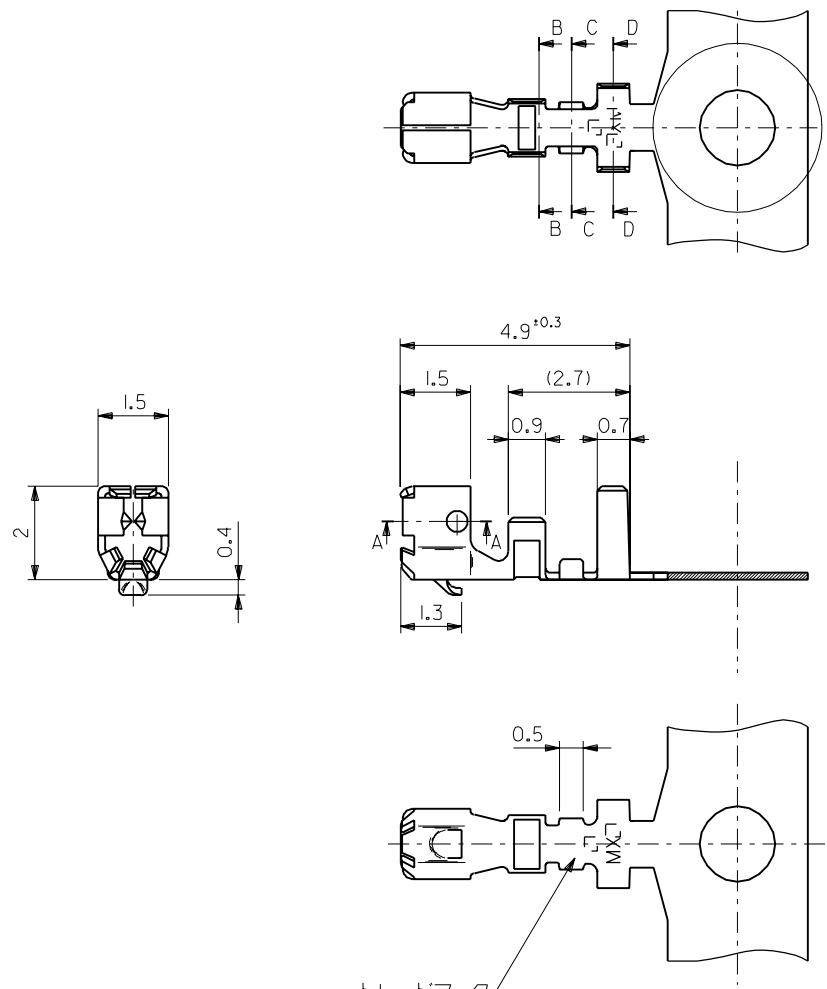
**Japan**

Description	Product #
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Hand Crimp Tool	<u>0570325000</u>
Extraction Tool	<u>0571056000</u>

This document was generated on 06/07/2010

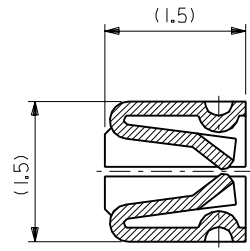
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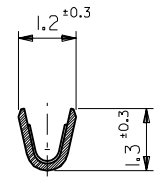
トレードマーク  
TRADE MARK

注記  
NOTE

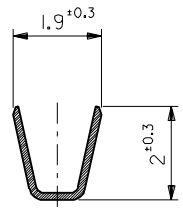
1. 適用ハウジング : 51004, 51049 シリーズ  
APPLICABLE HOUSING : 51004, 51049 SERIES



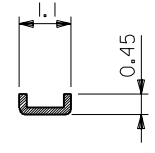
SECT.A-A  
(SCALE 20:1)



SECT.B-B



SECT.D-D



SECT.C-C

50011-8100	バラ状 LOOSE
50011-8000	連鎖状 CHAIN
ENG. NO.	端子形状 FORM

角度 ANGLE	±3°	材料 MATERIAL	リン青銅 錫メッキ (t=0.15)
30以上 OVER	+0.3	仕上げ FINISH	— # —
10以上 30未満 OVER UNDER	+0.25	適用電線範囲 WIRE RANGE	AWG #24~#30
10未満 UNDER	+0.2	被覆外径 INS. RANGE	φ0.8~φ1.4
一般公差 GENERAL TOLERANCES		DRAWN BY '95/8/21	CHK'D BY '95/8/22
記号 LTR	変更内容 REVISION RECORD	DR. DATE	尺度 SCALE
H	再作図 REDRAWN (JC6007)	T.Y. '95/8/21	10 : 1
		H.H.	
		DR. DATE	
		M.FUKUSHIMA	

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 2.0 LOW PROFILE CRIMP RECEPTACLE	
DWG. NO. SD-50011-8*00	REV H