

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0502128000](#)
Status: **Active**
Overview: [microlatch](#)
Description: 2.00mm (.079") Pitch Crimp Terminal, Female, 24-30 AWG, Reel

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-35507-002 \(PDF\)](#)
[Product Specification PS-51065-005 \(PDF\)](#)
[Product Specification PS-51065-016 \(PDF\)](#)
[Product Specification PS-51065-017 \(PDF\)](#)
[Product Specification PS-51065-018 \(PDF\)](#)
[Product Specification PS-51089-001 \(PDF\)](#)
[Product Specification PS-51089-005 \(PDF\)](#)
[Product Specification PS-51090-003 \(PDF\)](#)
[Product Specification PS-51090-004 \(PDF\)](#)
[Product Specification PS-51090-005 \(PDF\)](#)
[Product Specification PS-51090-007 \(PDF\)](#)
[Product Specification PS-51090-009 \(PDF\)](#)
[Product Specification PS-51090-016 \(PDF\)](#)
[Product Specification PS-51090-017 \(PDF\)](#)
- [Product Specification PS-51090-018 \(PDF\)](#)
[Product Specification PS-51160-001 \(PDF\)](#)
[Product Specification PS-51160-006 \(PDF\)](#)
[Product Specification PS-51225-003 \(PDF\)](#)
[Product Specification PS-52968-006 \(PDF\)](#)
[Product Specification PS-52968-007 \(PDF\)](#)
[Product Specification PS-53358-001 \(PDF\)](#)
[Product Specification PS-53717-002 \(PDF\)](#)
[Product Specification PS-54111-001 \(PDF\)](#)
[Product Specification PS-54111-002 \(PDF\)](#)
[Product Specification PS-54214-001 \(PDF\)](#)
[Product Specification PS-54452-006 \(PDF\)](#)
[Product Specification PS-54452-007 \(PDF\)](#)
[Product Specification PS-55533-003 \(PDF\)](#)
[Product Specification PS-55533-004 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	50212
Crimp Quality Equipment	Yes
Overview	microlatch
Product Name	Mi II™, Micro-Latch™, Sherlock™

Physical

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

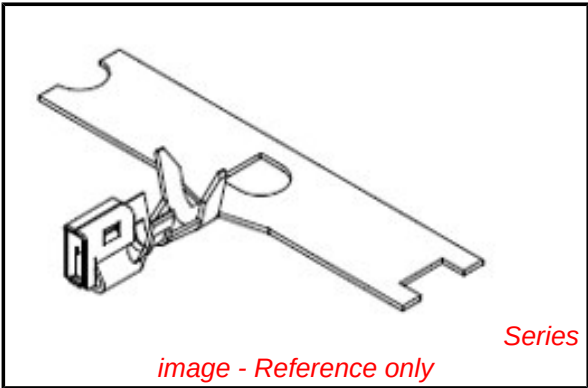
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-50212-001
Product Specification	PS-35507-002, PS-51065-005, PS-51065-016, PS-51065-017, PS-51065-018, PS-51089-001, PS-51089-005, PS-51090-003, PS-51090-004, PS-51090-005, PS-51090-007, PS-51090-009, PS-51090-016, PS-51090-017, PS-51090-018, PS-51160-001, PS-51160-006, PS-51225-003, PS-52968-006, PS-52968-007, PS-53358-001, PS-53717-002, PS-54111-001, PS-54111-002,



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
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
[50212Series](#)

Use With
[51090](#) , [51089](#) Mi II™ Housing . [51065](#) Micro-Latch™ 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 2.00mm (.079") Pitch Terminal, 24-30 AWG	0638190500
FineAdjust™ Applicator for 2.00mm (.079") Pitch Wire-to-Board Crimp	0639005200

Sales Drawing

PS-54214-001, PS-54452-006, PS-54452-007,
PS-55533-003, PS-55533-004, RPS-35507-003,
RPS-35507-004, RPS-35507-005, RPS-35507-006,
RPS-35507-008, RPS-35507-009, RPS-35507-010,
RPS-35507-011, RPS-502079-002, RPS-502079-003,
RPS-502079-004, RPS-502079-005, RPS-502079-006,
RPS-502079-007, RPS-50212-002, RPS-51065-001,
RPS-51065-002, RPS-51065-006, RPS-51065-007,
RPS-51065-010, RPS-51065-011, RPS-51065-012,
RPS-51065-013, RPS-51065-014, RPS-51065-015,
RPS-51065-018, RPS-51065-019, RPS-51065-020,
RPS-51065-021, RPS-51065-022, RPS-51065-023,
RPS-51065-024, RPS-51065-025, RPS-51065-026,
RPS-51065-027, RPS-51065-028, RPS-51065-030,
RPS-51089-002, RPS-51089-003, RPS-51089-004,
RPS-51089-005, RPS-51090-002, RPS-51090-005,
RPS-51090-006, RPS-51090-008, RPS-51090-010,
RPS-51090-012, RPS-51090-013, RPS-51090-014,
RPS-51090-015, RPS-51090-017, RPS-51090-018,
RPS-51090-021, RPS-51090-022, RPS-51090-026,
RPS-51160-003, RPS-51160-004, RPS-51160-005,
RPS-51339-004, RPS-51339-007, RPS-52484-002,
RPS-52968-005, RPS-52968-012, RPS-52968-013,
RPS-52969-004, RPS-52969-005, RPS-52969-006,
RPS-53324-001, RPS-53358-001, RPS-54111-001,
RPS-54111-002, RPS-54111-004, RPS-54111-005,
RPS-54269-004, RPS-54452-011, RPS-55460-011,
RPS-87369-001
SD-50212-001

Terminals 24-30	
AWG	
T2 Terminator Die	<u>0639105200</u>
Extraction Tool	<u>0011030043</u>
Japan	
Description	Product #
Extraction Tool	<u>0571056000</u>
Applicator for M211A	<u>0571753000</u>
Bench Press, 22-30	
AWG, for 50212	
and 50372 Crimp	
Terminal	
Side-Feed Applicator	<u>0571753200</u>
For Full-Auto	
Machine	

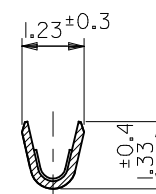
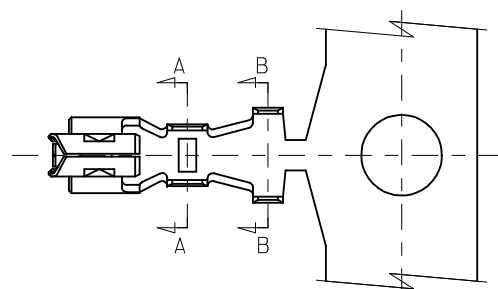
This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

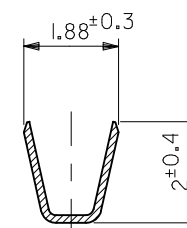
10 9 8 7 6 5 4 3 2 1

注記

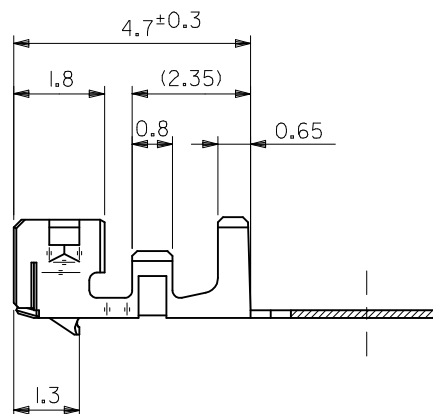
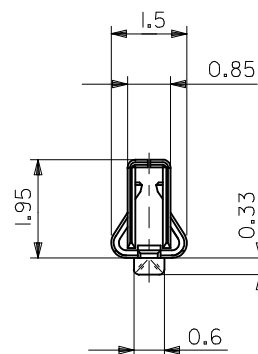
- 適用ハウジング: 51065-***00
APPLICABLE HOUSING 51089-***05
51090-***00
- 材質:
MATERIAL
リン青銅
PHOSPHOR BRONZE
錫メッキ
PRE-TINNED
 $t=0.152$



SECT. A-A



SECT. B-B



50212-8100	バラ状
50212-8000	連鎖状
MATERIAL NO.	端子形状

適用電線範囲 WIRE RANGE	AWG #24~#30
被覆外径 INS. RANGE	φ1.4MAX.

REVISED EC NO: J2009-2125 DRWN: CARIZONO 2009/03/25 CHKD: T. HARUYAMA 2009/04/07 APPR: NUKITA 2009/04/08 REV D	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY C. ARIZONO	DATE 09/03/19	TITLE NEW 2.0 WIRE TO BOARD CONN. CRIMP RECEPTACLE		
		10 OVER 30 UNDER	± 0.25	CHECKED BY T. HARUYAMA	DATE 09/03/19			
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE 09/03/19			
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-50212-001		1 OF 1	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							