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**Part Number:** **0502128100**  
**Status:** **Active**  
**Overview:** Micro-Latch Wire-to-Board Connector System  
**Description:** 2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 24-30 AWG, Bag

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51090-016-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification PS-51160-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51160-006-001 (PDF)</a>
<a href="#">Product Specification 510650000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-52968-006-001 (PDF)</a>
<a href="#">Product Specification 510651000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-52968-007-001 (PDF)</a>
<a href="#">Product Specification PS-51089-001-001 (PDF)</a>	<a href="#">Product Specification PS-53717-002-001 (PDF)</a>
<a href="#">Product Specification PS-51089-005-001 (PDF)</a>	<a href="#">Application Specification 510900001-000 (PDF)</a>
<a href="#">Product Specification PS-51090-003-001 (PDF)</a>	<a href="#">Packaging Specification SPK-50212-001-001 (PDF)</a>
<a href="#">Product Specification PS-51090-004-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-51090-005-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51090-009-001 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	50212
Application	Automotive, Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Micro-Latch Wire-to-Board Connector System</u>
Packaging Alternative	<u>502128000 (Reel)</u>
Product Name	DuraClik, Mi II, Micro-Latch, Sherlock
UPC	800754369473

**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	20.400/mg
Packaging Type	Bag
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size AWG	24, 26, 28, 30
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	510900001-000
Crimp Specification	CS-50212-001
Packaging Specification	SPK-50212-001-001
Product Specification	510650000-PS-000, 510651000-PS-000, PS-51089-001-001, PS-51089-005-001, PS-51090-003-001, PS-51090-004-001, PS-51090-005-001, PS-51090-009-001, PS-51090-016-001, PS-51160-001-001, PS-51160-006-001, PS-52968-006-001, PS-52968-007-001, PS-53717-002-001
Sales Drawing	502120000-SD-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

50212 Series

**Use With**

DuraClik Receptacle Housing 502351  
 <br>Micro-Latch Receptacle Housing 51065  
 <br>Mi II Receptacle Housings 51089 ,  
51090

**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 #**

Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Hand Crimp Tool for 2.00mm Pitch Terminal, 24-30 AWG	<u>638190500</u>

**Japan**

**Description**

**Product #**

Extraction Tool	<u>571056000</u>
Hand Crimp Tool	<u>571765000</u>

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