



**Part Number :** [502128000](#)

**Product Description :** 2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 30-24 AWG, Reel

**Series Number :** 50212

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** [502128100](#) (Bag)



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## Documents and Resources

### Drawings

[502128000 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[2166940000-AS-000.pdf](#)

[510900001-000.pdf](#)

[SPK-50212-001-001.pdf](#)

[510650000-PS-000.pdf](#)

[510651000-PS-000.pdf](#)

[PS-51089-001-001.pdf](#)

[PS-51089-005-001.pdf](#)

[PS-51090-003-001.pdf](#)

[PS-51090-004-001.pdf](#)

[PS-51090-005-001.pdf](#)

[PS-51090-009-001.pdf](#)

[PS-51090-016-001.pdf](#)

[PS-51090-017-001.pdf](#)

[PS-51090-018-001.pdf](#)

[PS-51160-001-001.pdf](#)

[PS-51160-006-001.pdf](#)

[PS-52968-006-001.pdf](#)

[PS-52968-007-001.pdf](#)

[PS-53358-001-001.pdf](#)

[PS-53717-002-001.pdf](#)

[PS-54111-001-001.pdf](#)

[PS-54111-002-001.pdf](#)

[PS-54452-006-001.pdf](#)

[PS-55533-004-001.pdf](#)

### **Tooling Specifications**

[571753720ATP-E-000.pdf](#)

[571753720ATS-000.pdf](#)

[571753720ATP-J-000.pdf](#)


[571753720ATS-J-000.pdf](#)

[CS-50212-001.pdf](#)

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## **Product Environment Compliance**

### **Compliance**

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	50212
Description	2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 30-24 AWG, Reel
Application	Automotive, Signal, Wire-to-Board
Product Name	DuraClik,Mi II, Micro-Latch, Sherlock
UPC	800753644625

### Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V AC (RMS)/DC

### Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	20.400/mg
Packaging Type	Reel
Plating min - Mating	0.900µm
Plating min - Termination	0.900µm
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

## Mates With / Use With

### Use with Part(s)

Description	Part Number
DuraClik Single Row Receptacle Housings	<u>502351</u>
Micro-Latch Single Row Receptacle Housings	<u>51065</u>
Mi II Single Row Crimp Housings	<u>51089</u>
Mi II Single Row Crimp Housings	<u>51090</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Hand Crimp Tool for 2.00mm Pitch Terminal, 30-24 AWG	<u>638190500</u>
FineAdjust Applicator for 2.00mm Pitch Wire-to-Board Crimp Terminals, 30-24 AWG Wire, Insulation OD 1.10-1.30mm	<u>639005200</u>
FineAdjust Applicator for 2.00mm Pitch Wire-to-Board Crimp Terminal, 30-24 AWG, Insulation OD 0.90-1.10mm	<u>639046800</u>
T2 Terminator Die	<u>639105200</u>

### Japan

Description	Part Number
Extraction Tool	<u>571056000</u>
S-1 Applicator for Wire-to-Board Receptacle Terminal, for 30-24 AWG Twisted Wire	<u>571753720</u>