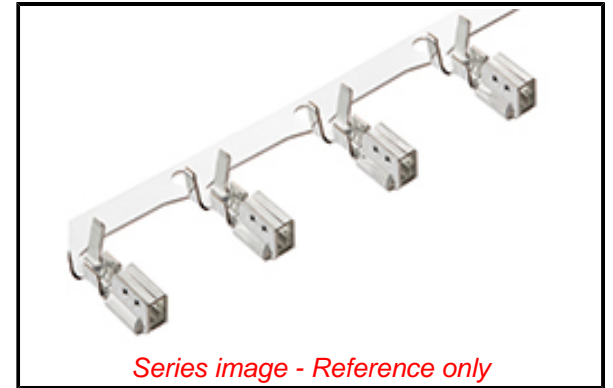


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0503728000**  
**Status:** **Active**  
**Overview:** Micro-Latch Wire-to-Board Connector System  
**Description:** 2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 22-26 AWG, Reel

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51160-006-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-52968-006-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-52968-007-001 (PDF)</a>
<a href="#">Product Specification 510650000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-53717-002-001 (PDF)</a>
<a href="#">Product Specification 510651000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-54111-001-001 (PDF)</a>
<a href="#">Product Specification PS-51089-001-001 (PDF)</a>	<a href="#">Product Specification PS-54111-002-001 (PDF)</a>
<a href="#">Product Specification PS-51089-005-001 (PDF)</a>	<a href="#">Product Specification PS-54452-006-001 (PDF)</a>
<a href="#">Product Specification PS-51090-004-001 (PDF)</a>	<a href="#">Product Specification PS-55533-004-001 (PDF)</a>
<a href="#">Product Specification PS-51090-005-001 (PDF)</a>	<a href="#">Application Specification 510900001-000 (PDF)</a>
<a href="#">Product Specification PS-51090-009-001 (PDF)</a>	<a href="#">Packaging Specification SPK-50372-001-001 (PDF)</a>
<a href="#">Product Specification PS-51090-016-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-51090-017-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51160-001-001 (PDF)</a>	



Series image - Reference only

**General**

Product Family	Crimp Terminals
Series	50372
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Micro-Latch Wire-to-Board Connector System</u>
Packaging Alternative	<u>503728100 (Loose)</u>
Product Name	Mi II, Micro-Latch
Taxonomy	Crimp Terminals
UPC	800753576186

**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.020/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size AWG	22, 24, 26
Wire Size mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	2.5A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	510900001-000
Application Tooling Documents	571753710ATS-000, 571753710ATS-J-000
Crimp Specification	CS-50372-001-001
Packaging Specification	SPK-50372-001-001
Product Specification	510650000-PS-000, 510651000-PS-000, PS-51089-001-001, PS-51089-005-001,

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

50372 Series

**Use With**

Micro-Latch Receptacle Housing 51065 . 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 FineAdjust Applicator for 2.0 Wire-to-Board Crimp Receptacle Terminal and SMEC Crimp Receptacle Terminals, 22-26 AWG and AVSS 0.3 Wires	<u>11030043</u> <u>2037021900</u>
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Sales Drawing

PS-51090-004-001, PS-51090-005-001,  
PS-51090-009-001, PS-51090-016-001,  
PS-51090-017-001, PS-51160-001-001,  
PS-51160-006-001, PS-52968-006-001,  
PS-52968-007-001, PS-53717-002-001,  
PS-54111-001-001, PS-54111-002-001,  
PS-54452-006-001, PS-55533-004-001  
503720000-SD-000

PremiumGrade Hand638235100  
Crimp Tool for Micro-  
Latch, DuraClik, and  
Servo Motor Encoder  
Female Terminals,  
22-26 AWG  
T2 Terminator Die 638528000

**Japan**

<b>Description</b>	<b>Product #</b>
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S-1 Applicator for DuraClik and Mi II Terminals, 22-26 AWG	<u>571753710</u>
Extraction Tool	<u>573216000</u>

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