

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

**Part Number:** **0503518100**  
**Status:** **Active**  
**Overview:** Mini-Lock Wire-to-Board Connector System  
**Description:** 2.50mm Pitch Mini-Lock Wire-to-Board Crimp Terminal, Female, Phosphor Bronze, Tin Plating, Bag, 22-28 AWG

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51103-026-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51103-027-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51103-028-001 (PDF)</a>
<a href="#">Product Specification 511030000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-51163-002-001 (PDF)</a>
<a href="#">Product Specification PS-51102-002-001 (PDF)</a>	<a href="#">Product Specification PS-51198-003 (PDF)</a>
<a href="#">Product Specification PS-51103-001 (PDF)</a>	<a href="#">Packaging Specification 503519100-EPK-100 (PDF)</a>
<a href="#">Product Specification PS-51103-002 (PDF)</a>	<a href="#">Packaging Specification 503519200-SPK-200 (PDF)</a>
<a href="#">Product Specification PS-51103-005-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51103-006 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-51103-025-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	50351
Application	Signal, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Lock Wire-to-Board Connector System
Packaging Alternative	503518000 (Reel)
Product Literature Order No	987651-9241
Product Name	Mini-Lock
UPC	800754369862

**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	59.840/mg
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.15-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm <sup>2</sup>	N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	503519100-EPK-100, 503519200-SPK-200
Product Specification	511030000-PS-000, PS-51102-002-001, PS-51103-001, PS-51103-002, PS-51103-005-001, PS-51103-006, PS-51103-025-001, PS-51103-026-001, PS-51103-027-001, PS-51103-028-001, PS-51163-002-001, PS-51198-003
Sales Drawing	SD-50351-8X00



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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**

50351 Series

**Mates With**

51102 , 51103

**Use With**

51102 , 51163 , 51103

**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	<a href="#">638118100</a>

**Japan**

Description	Product #
Hand Crimper	<a href="#">572955000</a>

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