

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

**Part Number:** [50351-8000](#)

**Status:** **Active**

**Overview:** Mini-Lock™ Wire-to-Board Connector System

**Description:** 2.50mm Pitch Mini-Lock™ Wire-to-Board and Wire-to-Wire Crimp Terminal, Phosphor Bronze, Reel, for 51102, 51103 and 51163 Housings

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51103-025 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51103-026 (PDF)</a>
<a href="#">Product Specification PS-51102-002 (PDF)</a>	<a href="#">Product Specification PS-51103-027 (PDF)</a>
<a href="#">Product Specification PS-51103-001 (PDF)</a>	<a href="#">Product Specification PS-51103-028 (PDF)</a>
<a href="#">Product Specification PS-51103-002 (PDF)</a>	<a href="#">Product Specification PS-51163-002 (PDF)</a>
<a href="#">Product Specification PS-51103-005 (PDF)</a>	<a href="#">Product Specification PS-51198-003 (PDF)</a>
<a href="#">Product Specification PS-51103-006 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51103-013 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">50351</a>
Application	Signal
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Lock™ Wire-to-Board Connector System</a>
Packaging Alternative	<a href="#">50351-8100 (Loose)</a>
Product Name	Mini-Lock™
UPC	800753576162

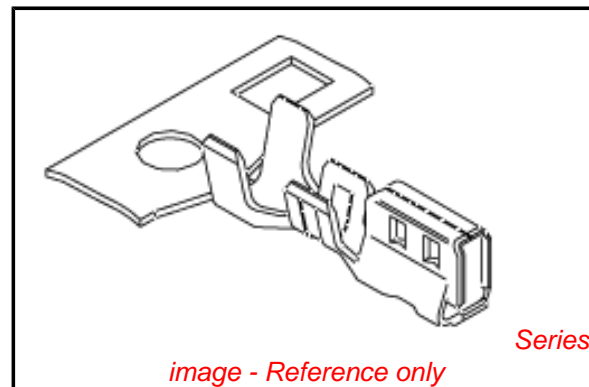
**Physical**

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	40.000/mg
Packaging Type	Reel
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 mm²	N/A

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51102-002, PS-51103-001, PS-51103-002, PS-51103-005, PS-51103-006, PS-51103-013, PS-51103-025, PS-51103-026, PS-51103-027, PS-51103-028, PS-51163-002, PS-51198-003, RPS-500292-001, RPS-51102-001, RPS-51103-001, RPS-51103-002, RPS-51103-003, RPS-51103-004, RPS-51103-009, RPS-51103-010, RPS-51103-011, RPS-51103-012, RPS-51103-014, RPS-51103-016, RPS-51103-017, RPS-51103-018, RPS-51103-019, RPS-51103-020, RPS-51103-021, RPS-51103-022, RPS-51103-025, RPS-51103-027, RPS-51103-029, RPS-51103-032, RPS-51103-033, RPS-51103-034, RPS-51103-036, RPS-51103-038, RPS-51103-039,
-----------------------	---



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[50351Series](#)

**Mates With**

[50837](#)

**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 #
T2 Terminator Die	<a href="#">0638505100</a>
Hand Crimp Tool	<a href="#">0638118100</a>
FineAdjust™ Applicator	<a href="#">0638605100</a>
Extraction Tool	<a href="#">0638132700</a>

**Japan**

Description	Product #
-------------	-----------

Sales Drawing

RPS-51103-040, RPS-51103-041, RPS-51103-043,  
RPS-51103-044, RPS-51103-046, RPS-51103-047,  
RPS-51103-049, RPS-51103-050, RPS-51103-051,  
RPS-51103-054, RPS-51103-055, RPS-51103-056,  
RPS-51103-057, RPS-51103-058, RPS-51103-059,  
RPS-51163-002, RPS-51163-004, RPS-53375-001  
SD-50351-8\*00

Applicator for M21 1A 0572933000  
Bench Press, 22-28  
AWG Wire  
Side-Feed Applicator 0572933200  
For Full-Auto  
Machine  
Extraction Tool 0573096000

This document was generated on 03/17/2015

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**