

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 and Wire-to-Wire Crimp Terminal, Phosphor Bronze, Bag, for 51102, 51103 and 51163 Housings

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51103-025 (PDF) |
| Drawing (PDF) | Product Specification PS-51103-026 (PDF) |
| Product Specification PS-51102-002 (PDF) | Product Specification PS-51103-027 (PDF) |
| Product Specification PS-51103-001 (PDF) | Product Specification PS-51103-028 (PDF) |
| Product Specification PS-51103-002 (PDF) | Product Specification PS-51163-002 (PDF) |
| Product Specification PS-51103-005 (PDF) | Product Specification PS-51198-003 (PDF) |
| Product Specification PS-51103-006 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51103-013 (PDF) | |

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 50351 |
| Application | Signal |
| Crimp Quality Equipment | Yes |
| MolexKits | Yes |
| Overview | Mini-Lock™ Wire-to-Board Connector System |
| Packaging Alternative | 50351-8000 (Reel) |
| Product Name | Mini-Lock™ |
| UPC | 800754369862 |

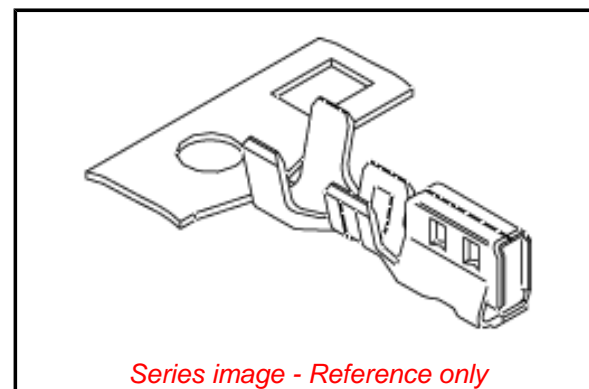
Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 40.000/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 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-51103-025, RPS-51103-027, RPS-51103-029, RPS-51103-032, RPS-51103-033, RPS-51103-034, RPS-51103-036, RPS-51103-038, RPS-51103-039, RPS-51103-041, |
|-----------------------|---|



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

China RoHS

Green Image
Not Relevant

Search Parts in this Series

[50351](#) Series

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 # |
| Hand Crimp Tool | 0638118100 |

Japan

| | |
|--------------------|----------------------------|
| Description | Product # |
| Hand Crimper | 0572955000 |

Sales Drawing

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-51163-002,
RPS-51163-004, RPS-53375-001
SD-50351-8*00

This document was generated on 10/03/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION