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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:

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

General

Product Family	Crimp Terminals
Series	50351
Application	Signal
Crimp Quality Equipment	Yes
Overview	Mini-Lock™ Wire-to-Board Connector System
Packaging Alternative	50351-8100 (Loose)
Product Name	Mini-Lock™
UPC	800753576162

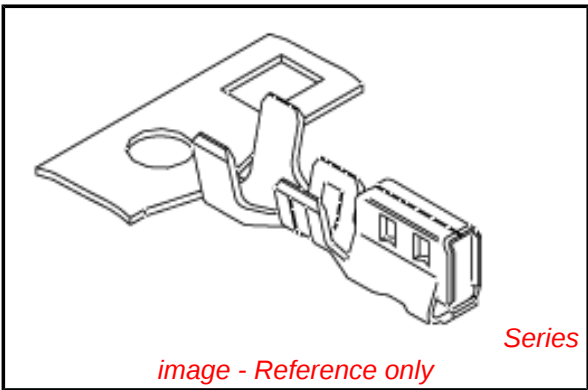
Physical

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



Need more information on product environmental compliance?

Email 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 #
Hand Crimp Tool	0638118100
Extraction Tool	0638132700
T2 Terminator Die	0638505100
FineAdjust™ Applicator	0638605100
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 M211A 0572933000
Bench Press, 22-28
AWG Wire
Side-Feed Applicator 0572933200
For Full-Auto
Machine
Extraction Tool 0573096000

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Molex:

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