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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

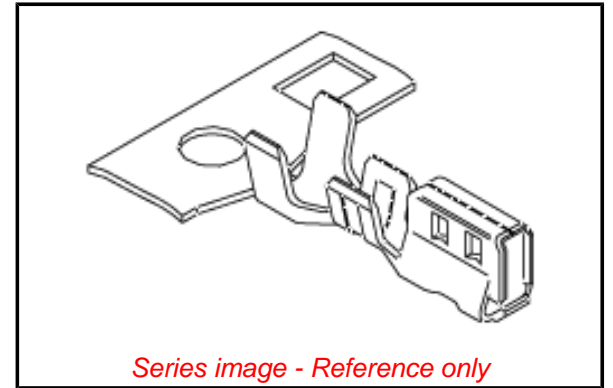
Physical

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,
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/39/2015 (15 June 2015)

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

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 #

Extraction Tool

0573096000

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

Hand Crimper 0572955000

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