

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [50597-8100](#)
Status: **Active**
Description: 3.96mm Wire-to-Wire and 6.50mm Pitch Wire-to-Board Crimp Terminal, Female, 50597, 16-22 AWG, Bag

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-51142-003 \(PDF\)](#)
[Product Specification PS-51138-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	50597
Application	Power
Crimp Quality Equipment	Yes
Packaging Alternative	50597-8000 (Reel)
Product Name	N/A
UPC	800753366541

Physical

Gender	Female
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	270.200/mg
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.00-2.50mm, 2.00-3.30mm
Wire Size AWG	16, 18, 20, 22
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-51138-002, PS-51142-003, RPS-51142-001, RPS-51142-002, RPS-51142-003, RPS-51142-004, RPS-51142-005, RPS-51142-006, RPS-51142-007, RPS-51142-008
Sales Drawing	SD-50597-8*00

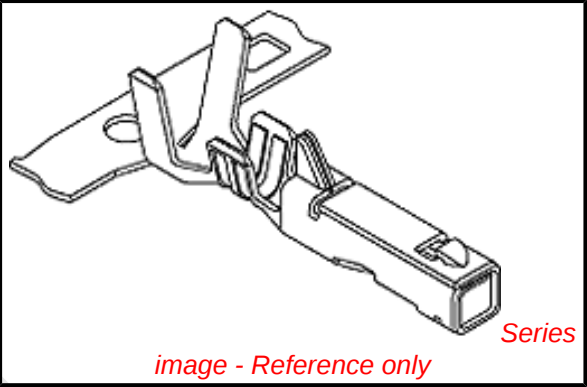


image - Reference only

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
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

50597Series

Mates With

50599 Male Crimp Terminal, 50600 Male Crimp Terminal 20-26 AWG

Use With

51138 , 51142

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 #
Extraction Tool	0638132700
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	0638197500

Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	<u>0638197600</u>
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	<u>0638197700</u>

Japan	
Description	Product #
Hand Crimper - UL1007	<u>0573475200</u>
Hand Crimper - UL1015	<u>0573475300</u>
Hand Crimper	<u>0573475400</u>
Extraction Tool	<u>0573476000</u>

This document was generated on 02/15/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION