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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 mm ² | 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 |

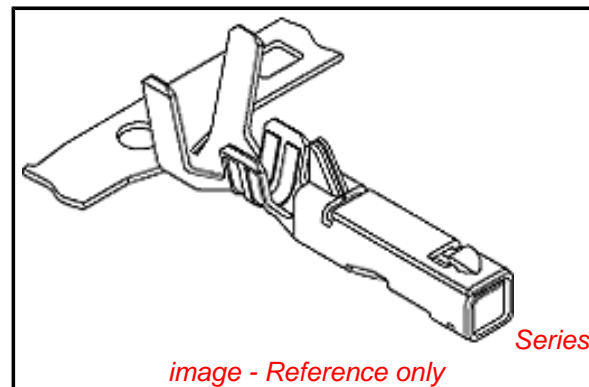


image - Reference only

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 0638197600
for Wire-to-Wire
and Wire-to-Board
Terminals

Hand Crimp Tool 0638197700
for Wire-to-Wire
and Wire-to-Board
Terminals

Japan

Description **Product #**

Hand Crimper - 0573475200
UL1007

Hand Crimper - 0573475300
UL1015

Hand Crimper 0573475400
Extraction Tool 0573476000

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