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**Part Number:** [50597-8000](#)  
**Status:** **Active**  
**Description:** 3.96mm Wire-to-Wire and 6.50mm Pitch Wire-to-Board Crimp Terminal, 50597, Female, 16-22 AWG, Reel

**Documents:**

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

**General**

Product Family	Crimp Terminals
Series	<a href="#">50597</a>
Application	Power
Crimp Quality Equipment	Yes
Packaging Alternative	<a href="#">50597-8100</a> (Loose)
Product Name	N/A
UPC	800754370578

**Physical**

Gender	Female
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	270.200/mg
Packaging Type	Reel
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 <sup>2</sup>	N/A

**Material Info**

**Reference - Drawing Numbers**

Crimp Specification	CS-50597/50599
Product Specification	PS-51138-002, PS-51142-002, PS-51142-003, RPS-51142-001, RPS-51142-003, RPS-51142-004, RPS-51142-005, RPS-51142-006, RPS-51142-007, RPS-51142-008, RPS-51142-009
Sales Drawing	SD-50597-8*00

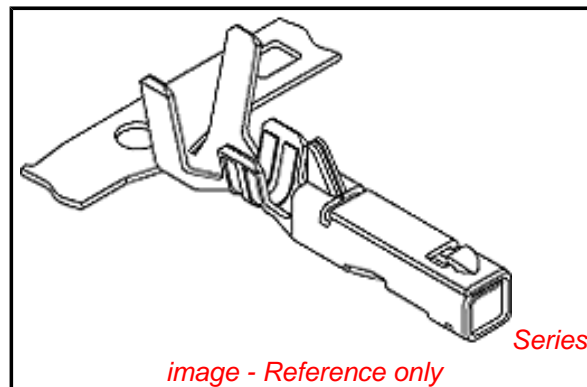


image - Reference only

**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](mailto: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 #
Fine Adjust Applicator for 3.96 Wire-to-Wire and Wire-to-Board Crimp Terminal	<a href="#">0639012200</a>

Fine Adjust Applicator for 3.96 Wire-to-Wire and Wire-to-Board Crimp Terminal	<u>0639012300</u>
T2 Terminator for 3.96mm Wire-to-Wire and Wire-to-Board Crimp Terminal	<u>0639112200</u>
T2 Terminator for 3.96mm Wire-to-Wire and Wire-to-Board Crimp Terminal	<u>0639112300</u>
Extraction Tool	<u>0638132700</u>

**Japan**

<b>Description</b>	<b>Product #</b>
Applicator for M21 1A Bench Press, 16-26 AWG Wire	<u>0573473000</u>
Side-Feed Applicator For Full-Auto Machine	<u>0573473200</u>
Extraction Tool	<u>0573476000</u>

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