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Part Number: **0505978100**
Status: **Active**
Description: 3.96mm Wire-to-Wire and 6.50mm Pitch Wire-to-Board Crimp Terminal, Female, 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

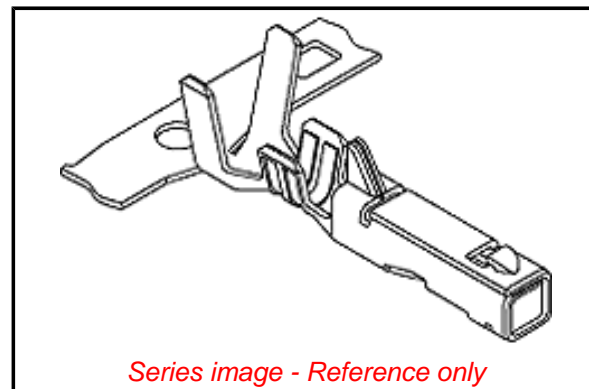
Physical

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

Crimp Specification	CS-50597/50599
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 , RPS-51142-010
Sales Drawing	SD-50597-8*00



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015 June 15): No

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

[50597](#) Series

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	0638197600

and Wire-to-Board
Terminals
Hand Crimp Tool 0638197700
for Wire-to-Wire
and Wire-to-Board
Terminals
Hand Crimp Tool 0638197500
for Wire-to-Wire
and Wire-to-Board
Terminals

Japan

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

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