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Part Number: **0505978000**
Status: **Active**
Description: CP-6.5 3.96mm Wire-to-Wire and 6.50mm Pitch Wire-to-Board Crimp Terminal, 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 [50597](#)
Application Power
Crimp Quality Equipment Yes
Packaging Alternative [50597-8100](#) (Loose)
Product Name CP-6.5
UPC 800754370578

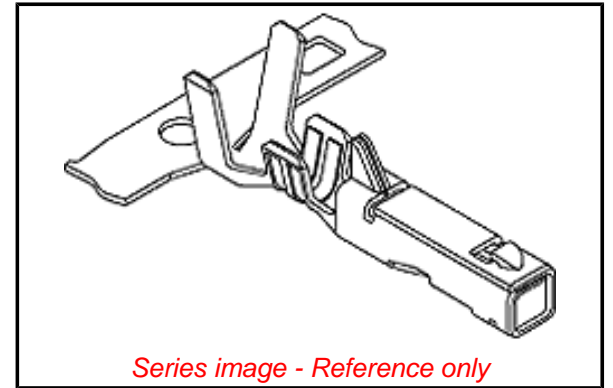
Physical

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 mm² 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](#), [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](#) , CP-6.5 Receptacle Housing [151049](#)

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 for Wire-to-Wire and Wire-to-Board Terminals	<u>0638197700</u>
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	<u>0638197500</u>
Fine Adjust Applicator for 3.96 Wire-to-Wire and Wire-to-Board Crimp Terminal	<u>0639012200</u>
FineAdjust™ 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>
Japan	
Description	Product #
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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