

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0505988100**  
**Status:** **Active**  
**Overview:** CP Wire-to-Board and Wire-to-Wire Connector Systems  
**Description:** CP-6.5 Wire-to-Board Crimp Terminal, Female, 20-26 AWG, Bag

**Documents:**

[Drawing \(PDF\)](#) [Product Specification PS-51142-003 \(PDF\)](#)  
[Product Specification PS-51138-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51142-002-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">50598</a>
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG, See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment	Yes
Datasheet Order No	987651-1601
Overview	<a href="#">CP Wire-to-Board and Wire-to-Wire Connector Systems</a>
Packaging Alternative	<a href="#">505988000 (Reel)</a>
Product Name	CP-6.5
UPC	800753366596

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	246.300/mg
Packaging Type	Bag
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.25-2.35mm
Wire Size AWG	20, 22, 24, 26
Wire Size mm <sup>2</sup>	N/A

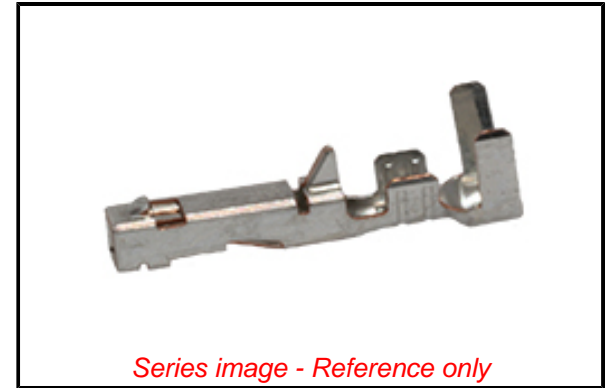
**Electrical**

Current - Maximum per Contact	10.0A
Voltage - Maximum	600V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51138-002, PS-51142-002-001, PS-51142-003
Sales Drawing	SD-50598-8X00



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[50598 Series](#)

**Use With**

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 #
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Extraction and	<a href="#">638132700</a>
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Activation Tool	
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Hand Crimp Tool	<a href="#">638235300</a>
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for Wire-to-Wire

and Wire-to-Board

Terminals

Hand Crimp Tool	<a href="#">638235400</a>
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for Wire-to-Wire

and Wire-to-Board

Terminals

**Japan**

Description	Product #
Extraction Tool	573476000

This document was generated on 09/17/2019

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