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**Part Number:** **0505988000**  
**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, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-50598-001-002 (PDF)</a>
<a href="#">Product Specification 2035550001-PS-000 (PDF)</a>	<a href="#">Packaging Specification SPK-50598-001-003 (PDF)</a>
<a href="#">Product Specification PS-51138-002-001 (PDF)</a>	<a href="#">Test Summary 1510480001-TS-000 (PDF)</a>
<a href="#">Product Specification PS-51142-002-001 (PDF)</a>	<a href="#">Test Summary 2035550001-TS-000 (PDF)</a>
<a href="#">Product Specification PS-51142-003-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Packaging Specification 505988010-PK-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification SPK-50598-001-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	50598
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment Overview	Yes
Packaging Alternative	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	505988100 (Loose)
UPC	CP-6.5 800753366572

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	246.300/mg
Packaging Type	Reel
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

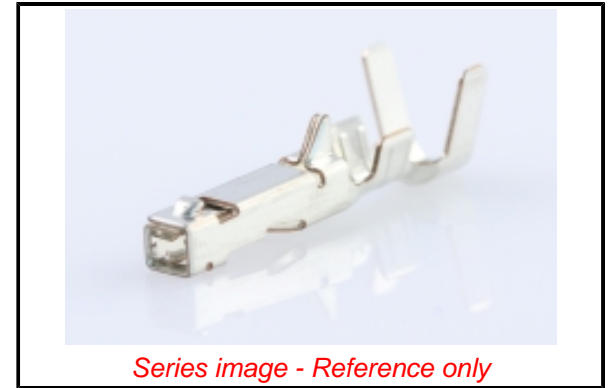
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	505988010-PK-000, SPK-50598-001-001, SPK-50598-001-002, SPK-50598-001-003
Product Specification	2035550001-PS-000, PS-51138-002-001, PS-51142-002-001, PS-51142-003-001
Sales Drawing	CS-50598~50600-001, CS-50598~50600-002, CS-50598~50600-003, SD-50598-8X00-011
Test Summary	1510480001-TS-000, 2035550001-TS-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2021)4569-DC (8 July 2021)

**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

FineAdjust Applicator 639019800  
for 3.96mm Pitch  
Crimp Terminal,  
20-26 AWG  
FineAdjust Applicator 639019900  
for 3.96mm Pitch  
Crimp Terminal, 24  
AWG  
T2 Terminator for 639119800  
3.96mm Pitch Crimp  
Terminal, 20-26  
AWG  
T2 Terminator for 639119900  
3.96mm Pitch Crimp  
Terminal, 24 AWG

**Japan**

<b>Description</b>	<b>Product #</b>
S-1 Applicator for CP-6.5 Terminals, 24 AWG, UL1015 Wires	<u>573473730</u>
S-1 Applicator for CP-6.5 Terminals, 20-26 AWG, UL1007 Wires	<u>573473740</u>
Extraction Tool	<u>573476000</u>

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