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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	50598
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	CP Wire-to-Board and Wire-to-Wire Connector Systems
Packaging Alternative	505988000 (Reel)
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 ²	N/A

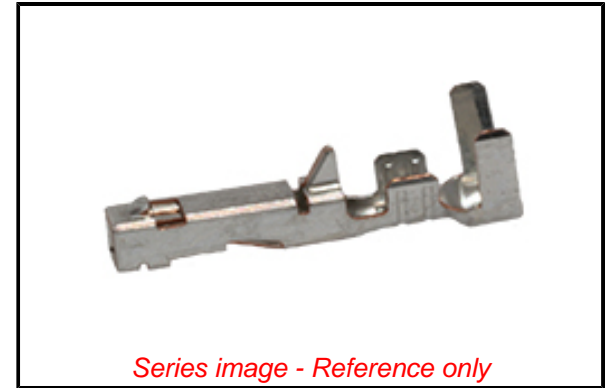
Electrical

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 #**

Extraction and [638132700](#)

Activation Tool

Hand Crimp Tool [638235300](#)

for Wire-to-Wire

and Wire-to-Board

Terminals

Hand Crimp Tool [638235400](#)

for Wire-to-Wire

and Wire-to-Board

Terminals

Japan

Description	Product #
Extraction Tool	573476000

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