



Part Number : [505988000](#)

Product Description : CP-6.5 Wire-to-Board Crimp Terminal, Female, 26-20 AWG, Reel

Series Number : 50598

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[505988000_sd.pdf](#)

[505988010-PK-000.pdf](#)

[SPK-50598-001-001.pdf](#)

[SPK-50598-001-002.pdf](#)

[SPK-50598-001-003.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2035550001-PS-000.pdf](#)

[PS-51138-002-001.pdf](#)

[PS-51142-002-001.pdf](#)


[PS-51142-003-001.pdf](#)

[1510480001-TS-000.pdf](#)

[2035550001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21

REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:f9826674-4f09-49e4-8929-bd416764e68e
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50598
Description	CP-6.5 Wire-to-Board Crimp Terminal, Female, 26-20 AWG, Reel
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Name	CP-6.5
UPC	800753366572

Electrical

Current - Maximum per Contact	10.0A
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Voltage - Maximum	600V AC (RMS)/DC
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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 ²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
CP-6.5 Dual Row Receptacle Housings	151049

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	638132700
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	638235300
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	638235400
FineAdjust Applicator for 3.96mm Pitch Crimp Terminal, 26-20 AWG	639019800
FineAdjust Applicator for 3.96mm Pitch Crimp Terminal, 24 AWG	639019900

T2 Terminator for 3.96mm Pitch Crimp Terminal, 26-20 AWG	<u>639119800</u>
T2 Terminator for 3.96mm Pitch Crimp Terminal, 24 AWG	<u>639119900</u>

Japan

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

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