



Part Number : 505988000

Series Number : 50598

Product Category : Crimp Terminals

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

Status : Active

Documents & Resources

Drawings

- [Drawing 505988000_sd.pdf](#)
- [Packaging Design Drawing 505988010-PK-000.pdf](#)
- [Packaging Design Drawing SPK-50598-001-001.pdf](#)
- [Packaging Design Drawing SPK-50598-001-002.pdf](#)
- [Packaging Design Drawing SPK-50598-001-003.pdf](#)

Specifications

- [Product Specification 2035550001-PS-000.pdf](#)
- [Product Specification PS-51138-002-001.pdf](#)
- [Product Specification PS-51142-002-001.pdf](#)
- [Product Specification PS-51142-003-001.pdf](#)
- [Test Summary 1510480001-TS-000.pdf](#)
- [Test Summary 2035550001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

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

Electrical

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

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

Use with Part(s)

Description	Part Number
CP-6.5 Dual Row Receptacle Housings	<u>151049</u>

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	<u>638235300</u>
Hand Crimp Tool for Wire-to-Wire and Wire-to-Board Terminals	<u>638235400</u>
FineAdjust Applicator for 3.96mm Pitch Crimp Terminal, 20-26 AWG	<u>639019800</u>
FineAdjust Applicator for 3.96mm Pitch Crimp Terminal, 24 AWG	<u>639019900</u>
T2 Terminator for 3.96mm Pitch Crimp Terminal, 20-26 AWG	<u>639119800</u>
T2 Terminator for 3.96mm Pitch Crimp Terminal, 24 AWG	<u>639119900</u>

Application Tooling

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, 20-26 AWG, UL1007 Wires	<u>573473740</u>
Extraction Tool	<u>573476000</u>