Part Number : 505988010

Product Description : CP-6.5 Wire-to-Wire Crimp Terminal, Female, 20-24 AWG, Reel

Series Number : 50598

Status : Active

Product Category : Crimp Terminals

## Documents & Resources

### Drawings

Drawing_505988010_sd.pdf

Packaging Design Drawing_505988010-PK-000.pdf

### Specifications

Product Specification_2034380001-PS-000.pdf

Test Summary_2034380001-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-Wire Crimp Terminal, Female, 20-24 AWG, Reel |
| Application | Power, Wire-to-Wire |
| 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 | 193264088911 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 12.5A |
| Voltage - Maximum | 600V AC (RMS)/DC |

### 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 | Reel |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 1.25-2.35mm |
| Wire Size (AWG) | 22, 24 |
| Wire Size $mm^2$ | N/A |

### Use with Part(s)

| Description | Part Number |
|---|---|

| | |
|---|---|
| CP-6.5 Dual Row Receptacle Housings | 151207 |

## Application Tooling

### Global

| Description | Part Number |
|---|---|
| Hand Crimp Tool for CP 6.5 Wire-to-Wire Male Terminals, 22-24 AWG | 2002189500 |
| FineAdjust Applicator for 3.96mm Pitch Crimp Terminal, 24 AWG | 639019900 |
| FineAdjust Applicator for 3.96 (.156") Wire-to-Wire Crimp Terminals, 22-24 AWG | 639048200 |