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 mm²	N/A

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

Application Tooling

Japan

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

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