molex

Part Number : 2050338000

Product Description : CP-6.5 Wire-to-Wire Crimp Terminal, Male, 20-16 AWG, Reel

Series Number : 205033

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings
Drawing 2050338000_sd.pdf
Packaging Design Drawing 2050328000-PK-000.pdf

Specifications
Product Specification 2034380001-PS-000.pdf
Test Summary 2034380001-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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)

Part Details

General

Status	Active
Category	Crimp Terminals
Series	205033
Description	CP-6.5 Wire-to-Wire Crimp Terminal, Male, 20-16 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	191128868099

Electrical

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

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.282/g
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	2.00-3.30mm
Wire Size (AWG)	16, 18, 20
Wire Size mm²	N/A

Use with Part(s)

Description	Part Number
CP-6.5 Dual Row Plug Housings	203438

Application Tooling

Global

Description	Part Number
Extraction Tool for CP 6.5 Wire-to-Wire Male Crimp Terminals	2002221300
Hand Crimp Tool for CP-6.5 Wire-to-Wire Crimp Terminals, 18-16 AWG	2133093400
Hand Crimp Tool 3.96mm Pitch Wire-to-Wire and 6.50mm Pitch Wire-to-Board Crimp Terminals, 18-16 AWG	638197500
Hand Crimp Tool for 3.96mm Pitch Wire-to-Wire and 6.50mm Pitch Wire-to-Board Crimp Terminals, 20-16 AWG	638197600
FineAdjust Applicator for CP-6.5 Wire-to-Wire Crimp Terminals, 20-16 AWG	639048100

This document was generated on Sep 22, 2024