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Part Number: [2050338000](#)
Status: **Active**
Overview: CP Wire-to-Board and Wire-to-Wire Connector Systems
Description: CP-6.5 Wire-to-Wire Crimp Terminal, Male, 16-20 AWG, Reel

Documents:

Drawing (PDF)	Test Summary 2034380001-TS-000 (PDF)
Product Specification 2034380001-PS-000 (PDF)	Datasheet (PDF)
Packaging Specification 2050328000-PK-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	205033
Application	Power, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment	Yes
Overview	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-6.5
Taxonomy	Crimp Terminals
UPC	191128868099

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 mm ²	N/A

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	2050328000-PK-000
Product Specification	2034380001-PS-000
Sales Drawing	2050338000-SD-000
Test Summary	2034380001-TS-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[205033](#) Series

Use With

CP-6.5 Plug Housing [203438](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

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, 16-18 AWG	2133093400
Hand Crimp Tool 3.96mm Pitch Wire-to-Wire and	638197500

6.50mm Pitch Wire-
to-BoardCrimp
Terminals, 16-18
AWG
Hand Crimp Tool for [638197600](#)
3.96mm Pitch Wire-
to-Wire and 6.50mm
Pitch Wire-to-Board
Crimp Terminals,
16-20 AWG
FineAdjust Applicator[639048100](#)
for CP-6.5 Wire-
to-Wire Crimp
Terminals, 16-20
AWG

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