



Part Number : [503988000](#)

Series Number : [50398](#)

Product Category : [Crimp Terminals](#)

Product Description : [2.50mm and 3.30mm Pitch Crimp Terminal, Male, 28-22 AWG, Reel](#)

Status : [Active](#)

Packaging Alternative : [503988100 \(Bag\)](#)

Documents & Resources


Drawings  
[Drawing 503988000\\_sd.pdf](#)

3D Models and Design Files  
[3D Model 503988000\\_stp.zip](#)

Specifications  
[Application Specification 5056050000-A01.pdf](#)  
[Packaging Specification 503989200-200.pdf](#)  
[Product Specification PS-500592-001-001.pdf](#)  
[Product Specification PS-504693-001-001.pdf](#)  
[Product Specification 5056050000-000.pdf](#)  
[Product Specification PS-51111-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	50398
Description	2.50mm and 3.30mm Pitch Crimp Terminal, Male, 28-22 AWG, Reel
Application	Signal, Wire-to-Wire
Product Family	CP Wire-to-Board and Wire-to-Wire Connector Systems
Product Name	CP-2.5 Mini,CP-3.3
UPC	800753630284

#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	300V AC (RMS)/DC

#### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	125.900/mg
Packaging Type	Reel
Plating min - Mating	0.914µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.15-1.80mm
Wire Size (AWG)	22, 24, 26, 28
Wire Size mm <sup>2</sup>	N/A

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## Use with Part(s)

Description	Part Number
CP-2.5 Mini Single Row Plug Housings	<u>500593</u>
CP-3.3 Single Row Plug Housings	<u>504694</u>
CP-3.3 Dual Row Plug Housings	<u>505606</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 18-14 AWG	<u>638138600</u>
Hand Crimp Tool for 2.50mm Pitch Wire to Wire Crimp Terminals	<u>638238000</u>
T2 Terminator Die	<u>638535000</u>
FineAdjust Applicator	<u>638635000</u>

## Application Tooling

### Japan

Description	Part Number
S-1 Applicator for CP-3.3 Terminals, 28-22 AWG	<u>573163700</u>
Hand Extraction Tool	<u>573166000</u>
Extraction Tool	<u>573166100</u>

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