



**THE DATASHEET OF
0503978000**





Part Number : [503978000](#)

Product Description : CP-2.5 Mini and CP-3.3 Crimp Terminal, Female, 28-22 AWG, Reel

Series Number : 50397

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [503978100](#) (Bag)



Documents & Resources

Drawings

[503978000_sd.pdf](#)

3D Models and Design Files

[503978000_stp.zip](#)

Specifications

[5056050000-A01.pdf](#)

[AS-504693-001-001.pdf](#)

[AS-504693-002-001.pdf](#)

[5056050000-A00.pdf](#)

[SPK-50397-001-001.pdf](#)

[PS-504693-001-001.pdf](#)


[5056050000-000.pdf](#)

[PS-51111-001-001.pdf](#)

[PS-51111-003-001.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)6225-DC (07 Nov 2024)

EU RoHS	Compliant per EU 2015/863
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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	50397
Description	CP-2.5 Mini and CP-3.3 Crimp Terminal, Female, 28-22 AWG, Reel
Application	Signal, Wire-to-Wire
Product Name	CP-2.5 Mini,CP-3.3
UPC	800754317719

Electrical

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

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	89.600/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 ²	N/A

Use with Part(s)

Description	Part Number
CP-2.5 Mini Single Row Receptacle Housings	<u>500592</u>
CP-3.3 Single Row Receptacle Housings	<u>504693</u>
CP-3.3 Dual Row Receptacle Housings	<u>505605</u>

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	<u>638132700</u>
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>
Extraction Tool	<u>573166100</u>

Looking for pricing, stock, or lifecycle information?

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 [Molex, LLC Information](#)

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