



Part Number : [503988000](#)
Product Description : 2.50mm and 3.30mm Pitch
Crimp Terminal, Male, 28-22 AWG, Reel
Series Number : 50398
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [503988100](#) (Bag)



Documents & Resources

Drawings

[503988000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[5056050000-A01.pdf](#)

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

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

[5056050000-A00.pdf](#)

[503989200-200.pdf](#)

[PS-500592-001-001.pdf](#)


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

[5056050000-000.pdf](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant

Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 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
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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 ²	N/A

Mates With / Use With

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>

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>

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>