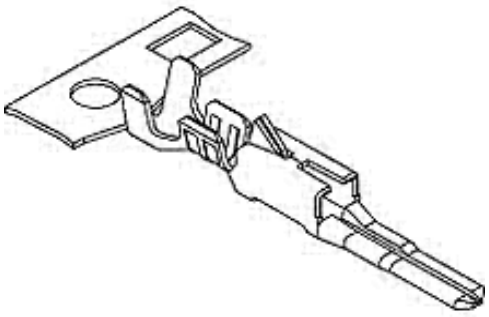
Part Number : 503988100
Product Description : 2.50mm and 3.30mm Pitch Crimp Terminal, Male, 28-22 AWG, Bag
Series Number : 50398
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 503988000 (Reel)



Documents and Resources

Drawings

503988100_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

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)7771-DC (04 Feb 2026)
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, Bag
Application	Signal, Wire-to-Wire
Product Name	CP-2.5 Mini,CP-3.3
UPC	800754237499

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	Bag
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	500593
CP-3.3 Single Row Plug Housings	504694
CP-3.3 Dual Row Plug Housings	505606

Application Tooling

Global

Description	Part Number
Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 18-14 AWG	638138600
Hand Crimp Tool for 2.50mm Pitch Wire to Wire Crimp Terminals	638238000

Japan

Description	Part Number
Hand Crimp Tool	573165000
Hand Extraction Tool	573166000

Extraction Tool	573166100