

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 and Resources

Drawings

503978000_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

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	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)

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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	50397
Description	CP-2.5 Mini and CP-3.3 Crimp Terminal, Female, 28-22 AWG, Reel
Application	Wire-to-Wire
Product Name	CP-2.5 Mini,CP-3.3
UPC	800754317719

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	500V AC (RMS)/DC

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin

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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

Mates With / Use With

Use with Part(s)

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

Application Tooling

Global

Description	Part Number
Extraction and Activation Tool	638132700
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
T2 Terminator Die	638535000
FineAdjust Applicator	638635000

Japan

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Description	Part Number
S-1 Applicator for CP-3.3 Terminals, 28-22 AWG	573163700
Extraction Tool	573166100

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