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Part Number:

0503978000

Status:

Active

Overview:

CP Wire-to-Board and Wire-to-Wire Connector Systems

Description:

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

Documents:	
3D Model (PDF)	Application Specification 5056050000-A00 (PDF)
Drawing (PDF)	Application Specification 5056050000-A01 (PDF)
3D Model	Application Specification AS-504693-001-001 (PDF)
Product Specification 5056050000-000 (PDF)	Application Specification AS-504693-002-001 (PDF)
Product Specification PS-504693-001-001 (PDF)	Packaging Specification SPK-50397-001-001 (PDF)
Product Specification PS-51111-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51111-003-001 (PDF)	

General	
Product Family	Crimp Terminals
Series	50397
Application	Signal, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	CP Wire-to-Board and Wire-to-Wire Connector Systems
Packaging Alternative	503978100 (Bag)
Product Name	CP-2.5 Mini, CP-3.3
Taxonomy	Crimp Terminals
UPC	800754317719
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 mm²	N/A
Electrical	
Current - Maximum per Contact	3.0A
Voltage - Maximum	300V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	5056050000-A00, 5056050000-A01, AS-504693-001-001, AS-504693-002-001
Packaging Specification	SPK-50397-001-001
Product Specification	5056050000-000, PS-504693-001-001, PS-51111-001-001, PS-51111-003-001
Sales Drawing	CS-50397_50398-011, CS-50397_50398-012, CS-50397~50398A-001, CS-50397~50398A-002, SD-50397-001-001



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

50397 Series

Use With

CP-2.5 Mini Receptacle Housing [500592](#)
. CP-3.3 Receptacle Housing [504693](#) , [505605](#)

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Extraction and Activation Tool	638132700
Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 14-18 AWG	638138600
Hand Crimp Tool for 2.50mm Pitch	638238000

Wire to Wire Crimp Terminals	
T2 Terminator Die	<u>638535000</u>
FineAdjust Applicator	<u>638635000</u>
Japan	
Description	Product #
S-1 Applicator for CP-3.3 Terminals, 22-28 AWG	<u>573163700</u>
Extraction Tool	<u>573166100</u>

This document was generated on 08/26/2022

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