

Part Number : [5601210102](#)
Product Description : CTX-J50 Female Terminal, Tin
Plated, 0.30-0.50mm² Wire Size
Series Number : 560121
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

- [5601210102 sd.pdf](#)
- [PK-560121-001-001.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [5601210001-AS-CH-000.pdf](#)
- [AS-560121-001-001.pdf](#)
- [5601510002-AS-000.pdf](#)
- [5601510002-CN-001.pdf](#)
- [AS-560151-001-JP-001.pdf](#)

Tooling Specifications

- [ATS-638247600-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
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	560121
Description	CTX-J50 Female Terminal, Tin Plated, 0.30-0.50mm ² Wire Size
Application	Automotive, Wire-to-Board
Product Name	Compactus,CTX-J 50
UPC	887191426839

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	250V

Physical

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.083/g
Packaging Type	Reel
Termination Interface Style	Crimp or Compression

Terminal Size	0.5
Wire Insulation Diameter	N/A
Wire Size (AWG)	N/A
Wire Size mm ²	0.30-0.50

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for CTX-J 50 Receptacle Terminal Sealed, 0.30mm ² and 0.50mm ² Wires	<u>2002182400</u>
Extractor Tool for CTX-J 50 Receptacle Crimp Terminal for Compactus Connector	<u>638247600</u>
FA2 Mechanical Feed Crimp Applicator for CTX-J 50 M Grip Terminals, 0.30mm ² , 0.35mm ² , and 0.50mm ² Wire	<u>2157862300</u>
FA2 Pneumatic Feed Crimp Applicator for CTX-J 50 M Grip Terminals, 0.30mm ² , 0.35mm ² , and 0.50mm ² Wire	<u>2157862310</u>

Japan

Description	Part Number
S-1 Applicator for CTX-J 50 Receptacle Terminals	<u>5781373700</u>

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