



Part Number : [507528200](#)
Product Description : 2.50mm Pitch, Mini-Lock
Female Crimp Terminal, Matte Tin Plating, 22-20 AWG,
Reel
Series Number : 50752
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

[507528200 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[507529200-SPK-200.pdf](#)

[511630000-PS-000.pdf](#)

[511631000-PS-000.pdf](#)

Tooling Specifications

[507520000-CS-000.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	50752
Description	2.50mm Pitch, Mini-Lock Female Crimp Terminal, Matte Tin Plating, 22-20 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	Mini-Lock
UPC	191128816717

Electrical

Current - Maximum per Contact	3.5A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin

Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.50-1.80mm
Wire Size (AWG)	20, 22
Wire Size mm ²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Mini-Lock Single Row Receptacle Housings	<u>51163</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Mini-Lock Female Crimp Terminals, 22-20 AWG	<u>2002184900</u>
FA2 Mechanical Feed Crimp Applicator for Mini-lock Terminals, 22-20 AWG	<u>638085900</u>
FA2 Pneumatic Feed Crimp Applicator for Mini-Lock Crimp Terminals, 22-20 AWG	<u>638085910</u>
Extraction Tool for 2.50mm Pitch Mini-Lock Wire-to-Board Female Terminal	<u>638248400</u>

Japan

Description	Part Number
S-1 Applicator for 2.50mm Pitch Mini-Lock Wire-to-Board Crimp Terminals, 22-20 AWG	<u>2069623700</u>

This document was generated on Sep 23, 2025