



Part Number : [500978000](#)
Product Description : 2.50mm Pitch, Board-in Male
Crimp Terminal, Male, 24-20 AWG, Reel
Series Number : 50097
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

[500978000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[PS-51035-001-001.pdf](#)

[PS-51035-002-001.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)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	50097
Description	2.50mm Pitch, Board-in Male Crimp Terminal, Male, 24-20 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	Board-in
UPC	800753576117

Electrical

Current - Maximum per Contact	4.0A
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Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-2.10mm
Wire Size (AWG)	20, 22, 24
Wire Size mm ²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
2.50mm Pitch Board-In Single Row Crimp Housings	<u>51035</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Board-in Crimp Terminals	<u>638256900</u>
T2 Terminator Die	<u>638512000</u>
FineAdjust Applicator	<u>638612000</u>

Japan

Description	Part Number
S-1 Applicator for Board-in Terminal, 24-20 AWG	<u>571073700</u>