



**Part Number :** [39000121](#)

**Product Description :** Mini-Fit Male Crimp Terminal, Tin (Sn) Plated Brass Contact, 24-18 AWG, Bag

**Series Number :** 5558

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5558-SL

**Packaging Alternative :** [39000120](#) (Reel)



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## Documents and Resources

### Drawings

[039000121\\_sd.pdf](#)

[PK-5556-003-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[55560001-AS-000.pdf](#)

[55560002-AS-000.pdf](#)

[55560002-PS-CH-000.pdf](#)

[55560002-PS-ES-000.pdf](#)

[55560002-PS-SK-000.pdf](#)

[PS-5556-001-001.pdf](#)

[PS-5556-002-001.pdf](#)

[55560001-TS-000.pdf](#)

[55560010-TS-000.pdf](#)

[TS-5556-002-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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)6375-DC (05 Nov 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	5558
Description	Mini-Fit Male Crimp Terminal, Tin (Sn) Plated Brass Contact, 24-18 AWG, Bag
Application	Power, Wire-to-Wire
Product Name	Mini-Fit
UPC	800753512047

### Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

## Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.138/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm <sup>2</sup>	N/A

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Use with Part(s)

Description	Part Number
Mini-Fit Jr. Plug Housings	<u>5559</u>
Mini-Fit BMI Dual Row Plug Housings	<u>42475</u>
Mini-Fit Jr. Dual Row Plug Housings	<u>46993</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
FineAdjust Applicator for Mini-Fit	<u>2037026300</u>

Crimp Terminals, Double 22+22 AWG	
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	<a href="#"><u>638190901</u></a>
FineAdjust Applicator for 20-18 AWG and 24-18 AWG Wires with Insulation Diameter 1.90-2.30mm	<a href="#"><u>639015600</u></a>
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 24-18 AWG	<a href="#"><u>639023900</u></a>
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<a href="#"><u>639024800</u></a>
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 24-18 AWG	<a href="#"><u>639024900</u></a>
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 24-18 AWG	<a href="#"><u>639047800</u></a>
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 24-18 AWG	<a href="#"><u>639048000</u></a>
T2 Terminator for Insulation OD 1.90-2.30mm - 24-18 AWG	<a href="#"><u>639115600</u></a>
T2 Terminator for insulation OD 1.40-1.70mm - 24-18 AWG	<a href="#"><u>639123900</u></a>
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	<a href="#"><u>639124800</u></a>
T2 Terminator for insulation OD 2.30-2.60mm - 24-18 AWG	<a href="#"><u>639124900</u></a>
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Large Insulation ODs	<a href="#"><u>639147800</u></a>
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Smaller Insulation ODs	<a href="#"><u>639148000</u></a>