



**Part Number :** [39000059](#)

**Product Description :** Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, Double 22+22 or Single 24-18 AWG, Reel

**Series Number :** 5556

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5556PBT

**Packaging Alternative :** [39000060](#) (Bag)



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## Documents and Resources

### Drawings

[039000059 sd.pdf](#)

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

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

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

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

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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

[PS-51010-003-001.pdf](#)

[PS-51010-004-001.pdf](#)

[PS-51045-003-001.pdf](#)

[PS-52252-001-001.pdf](#)

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

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

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

[55560008-TS-000.pdf](#)

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

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

[55560000-TS-000.pdf](#)

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


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal,

	Tin (Sn) over Phosphor Bronze, Double 22+22 or Single 24-18 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800753584662

## Electrical

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

## Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	195.000/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size (AWG)	18, 20, 22, 22+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. Receptacle Housings	<u>5557</u>
Mini-Fit BMI Dual Row Receptacle	<u>44516</u>

Housings	
Mini-Fit BMI Dual Row Receptacle Housings	<u>42474</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>43760</u>
Mini-Fit Jr. Dual Row Receptacle Housings	<u>46992</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 Crimp Terminals, Double 22+22 AWG	<u>2037026300</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	<u>638190901</u>
FineAdjust Applicator for 20-18 AWG and 24-18 AWG Wires with Insulation Diameter 1.90-2.30mm	<u>639015600</u>
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 24-18 AWG	<u>639023900</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>639024800</u>
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 24-18 AWG	<u>639024900</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 24-18 AWG	<u>639047800</u>
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 24-18 AWG	<u>639048000</u>
T2 Terminator for Insulation OD	<u>639115600</u>

1.90-2.30mm - 24-18 AWG	
T2 Terminator for insulation OD 1.40-1.70mm - 24-18 AWG	<u>639123900</u>
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>639124800</u>
T2 Terminator for insulation OD 2.30-2.60mm - 24-18 AWG	<u>639124900</u>
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Large Insulation ODs	<u>639147800</u>
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Smaller Insulation ODs	<u>639148000</u>

## Japan

Description	Part Number
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 24-18 AWG, UL1007 Wires	<u>570223700</u>
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 24-18 AWG, UL1015 Wires	<u>570223710</u>

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