



**Part Number :** [39000207](#)

**Product Description :** Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 24-18 AWG, Reel

**Series Number :** 5556

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Number :** 5556-SP

**Packaging Alternative :** [39000208](#) (Bag)



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## Documents & Resources

### Drawings

[039000207\\_sd.pdf](#)

[55560001-PK-000.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](#)

[55560008-TS-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 | Compliant with Exemption 33 |
|------------|-----------------------------|

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| 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)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

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## Part Details

### General

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Status       | Active                                                                     |
| Category     | Crimp Terminals                                                            |
| Series       | 5556                                                                       |
| Description  | Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 24-18 AWG, Reel |
| Application  | Power, Wire-to-Board, Wire-to-Wire                                         |
| Product Name | Mini-Fit                                                                   |
| UPC          | 800754395991                                                               |

### Electrical

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

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.130/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 1.270µm              |
| 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                  |

## 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 Housings | <u>44516</u> |
| 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> |
|                                            |                 |

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|----------------------------------------------------------------------------------------------|-------------------|
| 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 1.90-2.30mm - 24-18 AWG                                      | <u>639115600</u>  |
| 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>  |