



**Part Number :** [39000060](#)

**Product Description :** Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 24-18 AWG, Bag

**Series Number :** 5556

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Number :** 5556PBTL

**Packaging Alternative :** [39000059](#) (Reel)

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## Documents & Resources

### Drawings

[039000060 sd.pdf](#)

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

[PS-54111-001-001.pdf](#)

[PS-54111-002-001.pdf](#)

[PS-54452-006-001.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](#)  
[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         | <br>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<br>(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 Phosphor Bronze, 24-18 AWG, Bag |
| Application  | Power, Wire-to-Board, Wire-to-Wire                                            |
| Product Name | Mini-Fit                                                                      |
| UPC          | 800753584679                                                                  |

## 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                     | 0.127/g              |
| Packaging Type                 | Bag                  |
| 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, 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>  |
| PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG | <u>638190901</u> |

## Japan

| Description                | Part Number      |
|----------------------------|------------------|
| Handtool (Straight Action) | <u>570225500</u> |
| Hand Crimp Tool            | <u>570265000</u> |
| Hand Crimp Tool            | <u>570275000</u> |