



**Part Number :** [39000067](#)

**Product Description :** Mini-Fit Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 28-22 AWG, Reel

**Series Number :** 5558

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5558-PBT2

**Packaging Alternative :** [39000068](#) (Bag)



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## Documents and Resources

### Drawings

[039000067\\_sd.pdf](#)

[55580001-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](#)

[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 44; 34   |
| 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) over Phosphor Bronze, 28-22 AWG, Reel |
| Application  | Power, Wire-to-Wire  |
| Product Name | Mini-Fit   |
| UPC          | 800754394024   |

### Electrical

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

## Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.120/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.914µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 0.90-1.80mm          |
| Wire Size (AWG)                | 22, 24, 26, 28       |
| Wire Size mm <sup>2</sup>      | N/A                  |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

## 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>  |
| PremiumGrade Hand Crimp Tool               | <u>638191000</u> |

|   |                  |
|---|------------------|
| for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG                     |                  |
| FineAdjust Applicator for Insulation Diameter 1.30-1.50mm, 28-22 AWG Wire | <u>639002700</u> |
| FineAdjust Applicator for Insulation OD 1.10-1.30mm - 28-22 AWG           | <u>639020200</u> |
| FineAdjust Applicator for Insulation OD 0.95-1.08mm - 28-22 AWG           | <u>639023800</u> |
| T2 Terminator for Insulation OD 1.30-1.50mm, 28-22 AWG                    | <u>639102700</u> |
| T2 Terminator for insulation OD 1.10-1.30mm - 28-22 AWG                   | <u>639120200</u> |
| T2 Terminator for Insulation Diameter 0.95-1.08mm, 28-22 AWG              | <u>639123800</u> |

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