



**Part Number :** [39000216](#)  
**Product Description :** Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 28-22 AWG, Bag  
**Series Number :** 5556  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5556-PBS2PL  
**Packaging Alternative :** [39000215 \(Reel\)](#)




## Documents & Resources

**Drawings**  
[039000216\\_sd.pdf](#)  
[PK-5556-003-001.pdf](#)

**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](#)

## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025)  |
| EU RoHS            | Compliant per EU 2015/863   |

## Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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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, 28-22 AWG, Bag |
| Application  | Power, Wire-to-Board, Wire-to-Wire  |
| Product Name | Mini-Fit  |
| UPC          | 800754942058  |

#### 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                     | 0.133/g         |
| Packaging Type                 | Bag             |
| Plating min - Mating           | 2.540µm         |

|                             |                      |
|-----------------------------|----------------------|
| Plating min - Termination   | 1.270µm              |
| 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 |
|------------------------------|-----|

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## 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      |
|--|------------------|
| PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG | <u>638191000</u> |