



**Part Number :** [39000077](#)  
**Product Description :** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 16, 18+22, 20+20, 20+22 AWG, Reel  
**Series Number :** 5556  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5556T3  
**Packaging Alternative :** [0039000078 \(Bag\)](#)



## Documents & Resources

### Drawings

[Drawing 039000077\\_sd.pdf](#)  
[Packaging Design Drawing 55560001-PK-000.pdf](#)

### Specifications

[Application Specification 55560001-AS-000.pdf](#)  
[Product Specification 55560002-PS-CH-000.pdf](#)  
[Product Specification 55560002-PS-ES-000.pdf](#)  
[Product Specification 55560002-PS-SK-000.pdf](#)  
[Product Specification 55560008-TS-000.pdf](#)  
[Product Specification PS-5556-001-001.pdf](#)  
[Product Specification PS-5556-002-001.pdf](#)  
[Test Summary 55560010-TS-000.pdf](#)  
[Test Summary TS-5556-002-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                           |
| China RoHS         |  |
| EU ELV             | Compliant per 2000/53/EC                                                              |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                        |
| 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 Copper (Cu) Plated Brass, 16, 18+22, 20+20, 20+22 AWG, Reel |
| Application    | Power, Wire-to-Board, Wire-to-Wire                                                                        |
| Product Family | Mini-Fit Family Power Connectors                                                                          |
| Product Name   | Mini-Fit                                                                                                  |
| UPC            | 800753627741                                                                                              |

#### 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                     | 135.300/mg |
| Packaging Type                 | Reel       |

|                             |                         |
|-----------------------------|-------------------------|
| Plating min - Mating        | 0.889µm                 |
| Plating min - Termination   | 0.889µm                 |
| Termination Interface Style | Crimp or Compression    |
| Wire Insulation Diameter    | 1.80-3.10mm             |
| Wire Size (AWG)             | 16, 18+22, 20+20, 20+22 |
| Wire Size mm <sup>2</sup>   | 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> |

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### Application Tooling

#### Global

| Description                                | Part Number       |
|--------------------------------------------|-------------------|
| Extraction Tool for Mini-Fit Jr. Terminals | <u>0011030044</u> |