



**Part Number :** [39000224](#)  
**Product Description :** Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 16 AWG, Bag  
**Series Number :** 5558  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5558PBGS3L  
**Packaging Alternative :** [0039000223 \(Reel\)](#)



## Documents & Resources

### Drawings


[Drawing 039000224\\_sd.pdf](#)  
[Packaging Design Drawing PK-5556-003-001.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 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         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| 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         | 5558  |
| Description    | Mini-Fit Male Crimp Terminal, Phosphor Bronze, Gold (Au), 16 AWG, Bag |
| Application    | Power, Wire-to-Wire   |
| Product Family | Mini-Fit Family Power Connectors                                      |
| Product Name   | Mini-Fit  |
| UPC            | 800754396509  |

#### 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      | Gold            |
| Material - Plating Termination | Tin             |
| Net Weight                     | 126.914/mg      |
| Packaging Type                 | Bag             |

|                             |                      |
|-----------------------------|----------------------|
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter    | 1.80-3.10mm          |
| Wire Size (AWG)             | 16                   |
| 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. Plug Housings          | <u>5559</u>  |
| Mini-Fit BMI Dual Row Plug Housings | <u>42475</u> |

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## Application Tooling

### Global

| Description  | Part Number       |
|--|-------------------|
| Extraction Tool for Mini-Fit Jr. Terminals                               | <u>0011030044</u> |
| Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG | <u>2002182200</u> |