



**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 :** [39000223 \(Reel\)](#)




## Documents & Resources

**Drawings**  
[039000224\\_sd.pdf](#)  
[PK-5556-003-001.pdf](#)

**Specifications**  
[55560001-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	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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 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>
Mini-Fit Jr. Dual Row Plug Housings	<u>46993</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<u>2002182200</u>