



**Part Number :** [39000090](#)  
**Product Description :** Mini-Fit Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Bag  
**Series Number :** 5556  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Engineering Number :** 5556GS3L  
**Packaging Alternative :** [39000089 \(Reel\)](#)



## Documents & Resources

**Drawings**  
[039000090\\_sd.pdf](#)  
[PK-5556-003-001.pdf](#)

**Specifications**  
[55560001-AS-000.pdf](#)  
[55560002-AS-000.pdf](#)  
[AS-58696-004-001.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](#)  
[PS-58691-004-001.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)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

---

**Part Details**

**General**

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Bag
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754394956

**Electrical**

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

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin

Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
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

---

## 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>

---

## 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>

## Application Tooling

### Japan

Description	Part Number
Hand Crimp Tool	<u>570225300</u>
Straight-Action Hand Crimp Tool	<u>570225400</u>