



Part Number : [39000089](#)

Product Description : Mini-Fit Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Reel

Series Number : 5556

Status : Active

Product Category : Crimp Terminals

Engineering Number : 5556GS3

Packaging Alternative : [39000090](#) (Bag)



Documents & Resources

Drawings

[039000089_sd.pdf](#)

[55560001-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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](#)

[55560008-TS-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	Compliant with Exemption 34; 33; 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit
UPC	800754394895

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
Net Weight	228.000/mg
Packaging Type	Reel
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 ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

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>
FineAdjust Applicator for Insulation OD 2.20-2.45mm, 16 AWG	<u>639039400</u>
FineAdjust Applicator for Insulation OD 2.60-3.15mm, 16 AWG	<u>639041400</u>
FineAdjust Applicator for Insulation OD 1.80-2.20mm, 16 AWG	<u>639041500</u>
FineAdjust Crimp Applicator for Mini-Fit Crimp Terminals, 22+20, 20+20 and 22+18 AWG, UL 1007 Wires Only	<u>2037022100</u>
FineAdjust Crimp Applicator for Mini-Fit Crimp Terminals, 22+20, 20+20 and 22+18 AWG, UL 1061 Wires Only	<u>2037022200</u>