



Part Number : [39000038](#)

Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, Double 22+22 or Single 24-18 AWG, Reel

Series Number : 5556

Status : Active

Product Category : Crimp Terminals

Engineering Part Number : 5556T

Packaging Alternative : [39000039](#) (Bag)



Documents and Resources

Drawings

[039000038 sd.pdf](#)

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

[SPK-5556-001-001.pdf](#)

[SPK-5556-001-002.pdf](#)

[SPK-5556-001-003.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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

[55560002-AS-000.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](#)

[55560000-TS-000.pdf](#)


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

[55560010-TS-000.pdf](#)

[TS-5556-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 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, Tin (Sn) over Copper (Cu) Plated Brass, Double 22+22 or Single 24-18 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire

Product Name	Mini-Fit
UPC	800753585010

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	0.182/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size (AWG)	18, 20, 22, 22+22, 24
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	46992
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Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	11030044
FineAdjust Applicator for Mini-Fit Crimp Terminals, Double 22+22 AWG	2037026300
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	638190901
FineAdjust Applicator for 20-18 AWG and 24-18 AWG Wires with Insulation Diameter 1.90-2.30mm	639015600
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 24-18 AWG	639023900
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	639024800
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 24-18 AWG	639024900
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 24-18 AWG	639047800
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 24-18 AWG	639048000
T2 Terminator for Insulation OD 1.90-2.30mm - 24-18 AWG	639115600
T2 Terminator for insulation OD 1.40-1.70mm - 24-18 AWG	639123900
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18	639124800

AWG only	
T2 Terminator for insulation OD 2.30-2.60mm - 24-18 AWG	<u>639124900</u>
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Large Insulation ODs	<u>639147800</u>
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Smaller Insulation ODs	<u>639148000</u>

Japan

Description	Part Number
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 24-18 AWG, UL1007 Wires	<u>570223700</u>
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 24-18 AWG, UL1015 Wires	<u>570223710</u>
Hand Extraction Tool	<u>570316000</u>