



Part Number : [39000039](#)

Series Number : 5556

Product Category : Crimp Terminals

Packaging Alternative : 39000038 (Reel)

Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 24-18 AWG, Bag

Status : Active

Engineering Number : 5556TL

Documents & Resources

Drawings

[Drawing_039000039_sd.pdf](#)

[Packaging Design Drawing PK-5556-003-001.pdf](#)

[Packaging Design Drawing SPK-5556-001-001.pdf](#)

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

[Packaging Design Drawing SPK-5556-001-003.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 55560000-TS-000.pdf](#)


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

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

[Test Summary TS-5556-005-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	5556
Description	Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 24-18 AWG, Bag
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit
UPC	800753585027

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	0.130/g
Packaging Type	Bag

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, 24
Wire Size mm ²	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. 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>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	<u>638190901</u>

Application Tooling

Japan

Description	Part Number
Handtool (Straight Action)	<u>570225500</u>
Hand Crimp Tool	<u>570265000</u>

Hand Crimp Tool	<u>570275000</u>
Hand Extraction Tool	<u>570316000</u>

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