



Part Number : 39000081

Series Number : 5558

Product Category : Crimp Terminals

Packaging Alternative : 39000082 (Bag)

Product Description : Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper Plated Brass, Double 22+20, 22+18, 20+20 or Single 16 AWG, Reel

Status : Active

Engineering Number : 5558T3

Documents & Resources

Drawings

Drawing 039000081\_sd.pdf

Packaging Design Drawing 55580001-PK-000.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 55560008-TS-000.pdf

Product Specification PS-5556-001-001.pdf


Product Specification PS-5556-002-001.pdf

Test Summary 55560010-TS-000.pdf

Test Summary TS-5556-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
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, Tin (Sn) over Copper Plated Brass, Double 22+20, 22+18, 20+20 or Single 16 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit
UPC	800753727083

#### Electrical

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

#### Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.080/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	1.80-3.10mm
Wire Size (AWG)	16, 22+18, 20+20, 22+20
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>
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 Double Crimp Terminals, 20+22, 20+20, and 18+22 AWG, UL 1007 Wires Only	<u>2037022100</u>
FineAdjust Crimp Applicator for Mini-Fit Double Crimp Terminals, 20+22, 20+20, and 18+22 AWG, UL 1061 Wires Only	<u>2037022200</u>

## Application Tooling

Japan

Description	Part Number
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 16 AWG	<u>570223730</u>
Hand Extraction Tool	<u>570316000</u>