



Part Number : 39000079

Series Number : 5556

Product Category : Crimp Terminals

Packaging Alternative : 39000080 (Bag)

Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, Double 22+20, 22+18, 20+20 or Single 16 AWG, Reel

Status : Active

Engineering Number : 5556PBT3

Documents & Resources

Drawings

Drawing 039000079_sd.pdf

Packaging Design Drawing 55560001-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 | 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 Phosphor Bronze, Double 22+20, 22+18, 20+20 or Single 16 AWG, Reel |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Product Family | Mini-Fit Family Power Connectors |
| Product Name | Mini-Fit |
| UPC | 800753749986 |

Electrical

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

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 192.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.914µm |
| 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 ² | 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> |
| 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> |