



Part Number : [39000210](#)

Product Description : Mini-Fit Female Crimp Terminal, Tin (Sn) over Nickel (Ni), 28-22 AWG, Bag

Series Number : 5556

Status : Active

Product Category : Crimp Terminals

Engineering Part Number : 5556-S2PL

Packaging Alternative : [39000209](#) (Reel)



Documents and Resources

Drawings

[039000210_sd.pdf](#)

[PK-5556-003-001.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](#)

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

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


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

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

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

Product Environment Compliance

Compliance

| | |
|------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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)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 Nickel (Ni), 28-22 AWG, Bag |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Product Name | Mini-Fit |
| UPC | 800754396059 |

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 | 0.140/g |
| Packaging Type | Bag |
| Plating min - Mating | 2.540µm |
| Plating min - Termination | 1.270µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 0.90-1.80mm |
| Wire Size (AWG) | 22, 24, 26, 28 |
| Wire Size mm ² | N/A |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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 |
|--|------------------|
| PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 28-22 AWG | <u>638191000</u> |

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