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**Part Number:** [0039000046](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Application Specification 55560001-AS-000 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a> | <a href="#">Packaging Specification 55560001-PK-000 (PDF)</a>   |
| <a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a> | <a href="#">Test Summary 55560000-TS-000 (PDF)</a>              |
| <a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a> | <a href="#">Test Summary 55560010-TS-000 (PDF)</a>              |
| <a href="#">Product Specification 55560008-TS-000 (PDF)</a>    | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>              |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a>    | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">Product Specification PS-5556-002-001 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                                  |
| Series                  | 5556   |
| Application             | Power, Wire-to-Board, Wire-to-Wire               |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Mini-Fit Family Power Connectors</a> |
| Packaging Alternative   | <a href="#">39000047 (Loose)</a>                 |
| Product Name            | Mini-Fit   |
| UPC                     | 800753627710                                     |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 123.000/mg           |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.889µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 0.90-1.80mm          |
| Wire Size AWG                  | 22, 24, 26, 28       |
| Wire Size mm <sup>2</sup>      | N/A                  |

**Electrical**

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

**Solder Process Data**

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

**Material Info**

|                    |        |
|--------------------|--------|
| Engineering Number | 5556T2 |
|--------------------|--------|

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | 55560001-AS-000   |
| Crimp Specification       | CS-5556X2_5558X2-031, CS-5556X2_5558X2-032  |
| Packaging Specification   | 55560001-PK-000   |
| Product Specification     | 55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing             | 55560000-SD-000   |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[5556 Series](#)

**Use With**

Mini-Fit Jr. Receptacle Housing [5557](#)  
 <br>Mini-Fit BMI Slide and Lock Panel  
 Mount [44516](#) <br>Mini-Fit BMI Panel Mount  
 Receptacle Housing <br> [42474](#) , [43760](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|  |                           |
|--|---------------------------|
| Extraction Tool for                                    | <a href="#">11030044</a>  |
| Mini-Fit Jr. Terminals                                 |                           |
| PremiumGrade Hand                                      | <a href="#">638191000</a> |
| Crimp Tool for Mini-Fit Jr. Male and Female Terminals, |                           |
| 22-28 AWG  |                           |

|                       |                  |
|-----------------------|------------------|
| FineAdjust Applicator | <u>639002700</u> |
| for Insulation OD     |                  |
| 1.30-1.50mm, 22-28    |                  |
| AWG Wire              |                  |
| FineAdjust Applicator | <u>639020200</u> |
| for Insulation OD     |                  |
| 1.10-1.30mm - 22-28   |                  |
| AWG                   |                  |
| FineAdjust Applicator | <u>639023800</u> |
| for Insulation OD     |                  |
| 0.95-1.08mm - 22-28   |                  |
| AWG                   |                  |
| T2 Terminator         | <u>639102700</u> |
| for Insulation OD     |                  |
| 1.30-1.50mm, 22-28    |                  |
| AWG                   |                  |
| T2 Terminator         | <u>639120200</u> |
| for insulation OD     |                  |
| 1.10-1.30mm - 22-28   |                  |
| AWG                   |                  |
| T2 Terminator         | <u>639123800</u> |
| for insulation OD     |                  |
| 0.95-1.08mm - 22-28   |                  |
| AWG                   |                  |
| <b>Japan</b>          |                  |
| <b>Description</b>    | <b>Product #</b> |
| S-1 Applicator        | <u>570223720</u> |
| for Mini-Fit Plug     |                  |
| and Receptacle        |                  |
| Terminals, 22-28      |                  |
| AWG                   |                  |
| Hand Extraction Tool  | <u>570316000</u> |
| Applicator for M21 1A | <u>570383000</u> |
| Bench Press, 22-28    |                  |
| AWG Wire              |                  |

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