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**Part Number:** **0039000039**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Bag

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Packaging Specification SPK-5556-001-001 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a>  | <a href="#">Packaging Specification SPK-5556-001-002 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>  | <a href="#">Packaging Specification SPK-5556-001-003 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a>  | <a href="#">Test Summary 55560000-TS-000 (PDF)</a>             |
| <a href="#">Product Specification PS-5556-001-001 (PDF)</a>     | <a href="#">Test Summary 55560010-TS-000 (PDF)</a>             |
| <a href="#">Product Specification PS-5556-002-001 (PDF)</a>     | <a href="#">Test Summary TS-5556-002-001 (PDF)</a>             |
| <a href="#">Application Specification 55560001-AS-000 (PDF)</a> | <a href="#">Test Summary TS-5556-005-001 (PDF)</a>             |
| <a href="#">Packaging Specification PK-5556-003-001 (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="#">39000038 (Reel)</a>                  |
| Product Name            | Mini-Fit   |
| Taxonomy                | Crimp Terminals                                  |
| UPC                     | 800753585027                                     |

**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 <sup>2</sup>      | N/A                  |

**Electrical**

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

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |        |
|--------------------|--------|
| Engineering Number | 5556TL |
|--------------------|--------|

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | 55560001-AS-000   |
| Packaging Specification   | PK-5556-003-001, SPK-5556-001-001, SPK-5556-001-002, SPK-5556-001-003 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - D(2022)4187-DC (10 June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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 [11030044](#)

Mini-Fit Jr. Terminals

PremiumGrade Hand[638190901](#)

Crimp Tool for Mini-

Fit Jr. Male and

Female Terminals,

18-24 AWG

**Japan**

Product Specification

Sales Drawing  
Test Summary

55560002-PS-CH-000, 55560002-PS-ES-000,  
55560002-PS-SK-000, PS-5556-001-001,  
PS-5556-002-001  
55560000-SD-000  
55560000-TS-000, 55560010-TS-000,  
TS-5556-002-001, TS-5556-005-001

| Description                | Product #        |
|----------------------------|------------------|
| 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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