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**Part Number:** **0039000126**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn), Phosphor Bronze, 18-24 AWG, Reel

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Product Specification PS-5556-002-001 (PDF)</a>     |
| <a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a> | <a href="#">Application Specification 55560001-AS-000 (PDF)</a> |
| <a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a> | <a href="#">Packaging Specification 55580001-PK-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="#">RoHS Certificate of Compliance (PDF)</a>            |

**General**

|                         |   |
|-------------------------|---|
| Product Family          | Crimp Terminals                         |
| Series                  | <u>5558</u>                             |
| Application             | Power, Wire-to-Wire                     |
| Crimp Quality Equipment | Yes                                     |
| Overview                | <u>Mini-Fit Family Power Connectors</u> |
| Packaging Alternative   | <u>39000127 (Loose)</u>                 |
| Product Name            | Mini-Fit                                |
| Taxonomy                | Crimp Terminals                         |
| UPC                     | 800754395236                            |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.125/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 2.540µm              |
| Plating min - Termination      | 2.540µm              |
| 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**

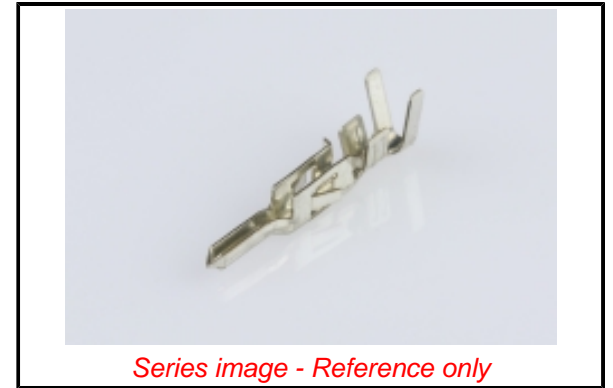
|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

|                    |          |
|--------------------|----------|
| Engineering Number | 5558-PBS |
|--------------------|----------|

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | 55560001-AS-000   |
| Packaging Specification   | 55580001-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             | SD-5558-XSX-001   |
| Test Summary              | 55560010-TS-000, TS-5556-002-001  |



Series image - Reference only

**EU ELV**

**Compliant**

**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

Compliant

Not Contained

**Search Parts in this Series**

5558 Series

**Use With**

Mini-Fit Jr. Plug Housing 5559 <br>Mini-Fit  
BMI Plug Housing 42475

**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    | <u>11030044</u>   |
| Mini-Fit Jr. Terminals |                   |
| FineAdjust Applicator  | <u>2037026300</u> |
| for Mini-Fit Double    |                   |
| Crimp Applications     |                   |
| Using Two 22 AWG       |                   |
| Wires                  |                   |
| PremiumGrade Hand      | <u>638190901</u>  |
| Crimp Tool for Mini-   |                   |
| Fit Jr. Male and       |                   |

Female Terminals,  
 18-24 AWG  
 FineAdjust 639015600  
 Applicator for 18-20  
 AWG and 18-24  
 AWG Wires with  
 Insulation Diameter  
 1.90-2.30mm  
 FineAdjust Applicator639023900  
 for Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust Applicator639024800  
 for Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 FineAdjust Applicator639024900  
 for Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 FineAdjust Applicator639047800  
 for Insulation OD  
 2.50-2.95mm, 18-24  
 AWG  
 FineAdjust Applicator639048000  
 for Insulation OD  
 1.65-2.05mm, 18-24  
 AWG  
 T2 Terminator 639115600  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 T2 Terminator 639123900  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 T2 Terminator 639124800  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator 639124900  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator 639147800  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Large  
 Insulation ODs  
 T2 Terminator 639148000  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Smaller  
 Insulation ODs

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