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**Part Number:** 0039000066  
**Status:** Active  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 22-28 AWG, Bag

**Documents:**  
[Drawing \(PDF\)](#)  
[Product Specification PS-54111-002-001 \(PDF\)](#)  
[Product Specification PS-5556-001-001 \(PDF\)](#)  
[Product Specification PS-5556-002-001 \(PDF\)](#)  
[Application Specification 55560001-AS-000 \(PDF\)](#)  
[Packaging Specification PK-5556-003-001 \(PDF\)](#)  
[Test Summary 55560010-TS-000 \(PDF\)](#)  
[Test Summary TS-5556-002-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**  
Product Family Crimp Terminals  
Series 5556  
Application Power, Wire-to-Board, Wire-to-Wire  
Crimp Quality Equipment Yes  
Overview Mini-Fit Jr. Power Connectors  
Packaging Alternative 39000065 (Reel)  
Product Name Mini-Fit  
UPC 800754393980

**Physical**  
Durability (mating cycles max) 30  
Gender Female  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 128.200/mg  
Packaging Type Bag  
Plating min - Mating 0.889µm  
Plating min - Termination 0.914µm  
Termination Interface: Style Crimp or Compression  
Wire Insulation Diameter 0.90-1.80mm  
Wire Size AWG 22, 24, 26, 28  
Wire Size mm² N/A

**Electrical**  
Current - Maximum per Contact 9.0A  
Voltage - Maximum 600V

**Solder Process Data**  
Lead-freeProcess Capability N/A

**Material Info**  
Engineering Number 5556PBT2L

**Reference - Drawing Numbers**  
Application Specification 55560001-AS-000  
Packaging Specification PK-5556-003-001  
Product Specification PS-54111-002-001, PS-5556-001-001, PS-5556-002-001  
Sales Drawing 55560000-SD-000  
Test Summary 55560010-TS-000, TS-5556-002-001



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per -  
D(2020)4578-DC (25  
June 2020)  
**Halogen-Free**  
**Status**  
**Low-Halogen**  
For more information, please visit [Contact US](#)

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates 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                     | 11030044  |
| Hand Crimp Tool for Crimp Terminals | 638191000 |

**Japan**  

| Description                | Product # |
|----------------------------|-----------|
| Handtool - Straight Action | 570385300 |
| Hand Crimp Tool            | 570645000 |

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