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**Part Number:** [0039000068](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit Male Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 22-28 AWG, Bag](#)

**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 PK-5556-003-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (PDF)</a>
<a href="#">Product Specification 55560002-PS-SK-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>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">5558</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Packaging Alternative	<a href="#">39000067 (Reel)</a>
Product Name	Mini-Fit
UPC	800754394062

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	108.000/mg
Packaging Type	Bag
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-freeProcess Capability	N/A
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**Material Info**

Engineering Number	5558PBT2L
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**Reference - Drawing Numbers**

Application Specification	<a href="#">55560001-AS-000</a>
Packaging Specification	<a href="#">PK-5556-003-001</a>
Product Specification	<a href="#">55560002-PS-CH-000</a> , <a href="#">55560002-PS-ES-000</a> , <a href="#">55560002-PS-SK-000</a> , <a href="#">PS-5556-001-001</a> , <a href="#">PS-5556-002-001</a>
Sales Drawing	<a href="#">SD-5558XXXX-001</a> , <a href="#">SD-5558XXXX-002</a>
Test Summary	<a href="#">55560010-TS-000</a> , <a href="#">TS-5556-002-001</a>



Series image - Reference only

**EU ELV**

**Not Relevant**

**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

Not Relevant

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 [11030044](#)

Mini-Fit Jr. Terminals

PremiumGrade Hand[638191000](#)

Crimp Tool for Mini-

Fit Jr. Male and

Female Terminals,

22-28 AWG

**Japan**

**Description**

**Product #**

Handtool - Straight	<a href="#">570385300</a>
Action	
Hand Crimp Tool	<a href="#">570645000</a>

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