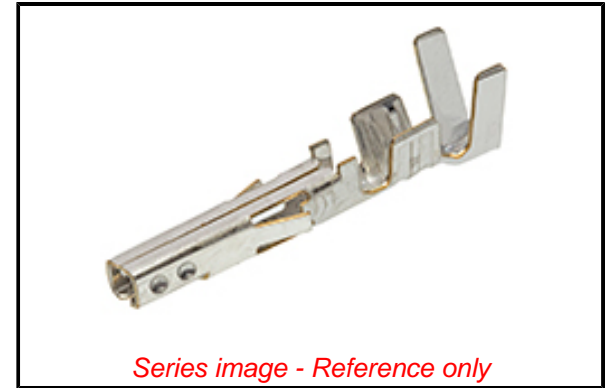


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0039000060](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** [Mini-Fit Female Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 18-24 AWG, Bag](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-001-001 (PDF)</a>
<a href="#">Product Specification PS-51010-003 (PDF)</a>	<a href="#">Product Specification PS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-51010-004 (PDF)</a>	<a href="#">Application Specification 55560001-AS-000 (PDF)</a>
<a href="#">Product Specification PS-51045-003 (PDF)</a>	<a href="#">Packaging Specification PK-5556-003 (PDF)</a>
<a href="#">Product Specification PS-52252-001 (PDF)</a>	<a href="#">Test Summary 55560000-TS-000 (PDF)</a>
<a href="#">Product Specification PS-54111-001 (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (PDF)</a>
<a href="#">Product Specification PS-54111-002-001 (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-54452-006-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	<a href="#">5556</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Packaging Alternative	<a href="#">39000059 (Reel)</a>
Product Name	Mini-Fit
UPC	800753584679

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.127/g
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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

**Material Info**

Engineering Number	5556PBTL
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**Reference - Drawing Numbers**

Application Specification	<a href="#">55560001-AS-000</a>
Packaging Specification	<a href="#">PK-5556-003</a>
Product Specification	<a href="#">PS-51010-003</a> , <a href="#">PS-51010-004</a> , <a href="#">PS-51045-003</a> , <a href="#">PS-52252-001</a> , <a href="#">PS-54111-001</a> , <a href="#">PS-54111-002-001</a> , <a href="#">PS-54452-006-001</a> , <a href="#">PS-5556-001-001</a> , <a href="#">PS-5556-002-001</a>
Sales Drawing	<a href="#">55560000-SD-000</a>
Test Summary	<a href="#">55560000-TS-000</a> , <a href="#">55560010-TS-000</a> , <a href="#">TS-5556-002-001</a>

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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	<a href="#">11030044</a>
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Hand Crimp Tool	<a href="#">638190901</a>
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for Mini-Fit Jr. Male and Female Crimp Terminals, 18-24 AWG

**Japan**

**Description**

**Product #**

Handtool (Straight Action)	<u>570225500</u>
Hand Crimp Tool	<u>570265000</u>
Hand Crimp Tool	<u>570275000</u>

This document was generated on 03/04/2020

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