

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

**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
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-free Process Capability	N/A
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**Material Info**

Engineering Number	5556TL
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**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
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-5556-001-001, PS-5556-002-001



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**

Sales Drawing  
Test Summary

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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