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**Part Number:** [0039000040](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 55580001-PK-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 55560000-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>
<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 Jr. Power Connectors</a>
Packaging Alternative	<a href="#">39000041 (Loose)</a>
Product Name	Mini-Fit
UPC	800753643239

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.123/g
Packaging Type	Reel
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-freeProcess Capability	N/A
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**Material Info**

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

Packaging Specification	<a href="#">55580001-PK-000</a>
Product Specification	<a href="#">55560008-TS-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="#">55560000-TS-000</a> , <a href="#">TS-5556-002-001</a>



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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](#)

**Mates With**

[5556 Mini-Fit Crimp Terminal](#)

**Use With**

[5559 Mini-Fit Jr. Plug Housing](#), [30068 Mini-Fit TPA Plug Housing](#), [42475 Mini-Fit BMI Plug Housing](#)

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

FineAdjust Applicator	<u>639015600</u>
for Insulation OD	
1.90-2.30mm - 18-24	
AWG	
FineAdjust Applicator	<u>639023900</u>
for Insulation OD	
1.40-1.70mm - 18-24	
AWG	
FineAdjust Applicator	<u>639024800</u>
for Insulation OD	
2.50-2.95mm	
Optimized for 18	
AWG Only	
FineAdjust Applicator	<u>639024900</u>
for Insulation OD	
2.30-2.60mm - 18-24	
AWG	
FineAdjust Applicator	<u>639047800</u>
for Mini-Fit Jr., Mini-Fit HCS, and Mini-Fit Plus HCS Crimp	
Terminals, 18-24	
AWG with Large	
Insulation Diameters	
FineAdjust Applicator	<u>639048000</u>
for Mini-Fit Crimp	
Terminals, 18-24	
AWG	
T2 Terminator	<u>639115600</u>
for insulation OD	
1.90-2.30mm - 18-24	
AWG	
T2 Terminator	<u>639123900</u>
for insulation OD	
1.40-1.70mm - 18-24	
AWG	
T2 Terminator	<u>639124800</u>
for insulation OD	
2.50-2.95mm	
optimized for 18	
AWG only	
T2 Terminator	<u>639124900</u>
for insulation OD	
2.30-2.60mm - 18-24	
AWG	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
S-1 Applicator	<u>570223700</u>
for Mini-Fit Plug	
and Receptacle	
Terminals, 18-24	
AWG, UL1007 Wires	
S-1 Applicator	<u>570223710</u>
for Mini-Fit Plug	
and Receptacle	
Terminals, 18-24	
AWG, UL1015 Wires	
Hand Extraction Tool	<u>570316000</u>

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