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**Part Number:** [0039000046](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

**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 55560001-PK-000 (PDF)</a>
<a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>	<a href="#">Test Summary 55560000-TS-000 (PDF)</a>
<a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a>	<a href="#">Test Summary 55560010-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="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (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="#">39000047 (Loose)</a>
Product Name	Mini-Fit
UPC	800753627710

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	123.000/mg
Packaging Type	Reel
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	5556T2
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**Reference - Drawing Numbers**

Application Specification	55560001-AS-000
Crimp Specification	CS-5556X2_5558X2-031, CS-5556X2_5558X2-032
Packaging Specification	55560001-PK-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	55560000-SD-000



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

[5556 Series](#)

**Use With**

Mini-Fit Jr. Receptacle Housing [5557](#)  
 Mini-Fit BMI Slide and Lock Panel  
 Mount [44516](#) Mini-Fit BMI Panel Mount  
 Receptacle Housing [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	<a href="#">11030044</a>
Mini-Fit Jr. Terminals	
PremiumGrade Hand	<a href="#">638191000</a>
Crimp Tool for Mini-Fit Jr. Male and Female Terminals,	
22-28 AWG	

FineAdjust Applicator	<u>639002700</u>
for Insulation OD	
1.30-1.50mm, 22-28	
AWG Wire	
FineAdjust Applicator	<u>639020200</u>
for Insulation OD	
1.10-1.30mm - 22-28	
AWG	
FineAdjust Applicator	<u>639023800</u>
for Insulation OD	
0.95-1.08mm - 22-28	
AWG	
T2 Terminator	<u>639102700</u>
for Insulation OD	
1.30-1.50mm, 22-28	
AWG	
T2 Terminator	<u>639120200</u>
for insulation OD	
1.10-1.30mm - 22-28	
AWG	
T2 Terminator	<u>639123800</u>
for insulation OD	
0.95-1.08mm - 22-28	
AWG	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
S-1 Applicator	<u>570223720</u>
for Mini-Fit Plug	
and Receptacle	
Terminals, 22-28	
AWG	
Hand Extraction Tool	<u>570316000</u>
Applicator for M21 1A	<u>570383000</u>
Bench Press, 22-28	
AWG Wire	

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# Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0046](#) [39-00-0046 \(Cut Strip\)](#) [39-00-0046 \(Mouser Reel\)](#)