

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

**Part Number:** **0039000038**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24, 22+22 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	Mini-Fit Family Power Connectors
Packaging Alternative	39000039 (Loose)
Product Name	Mini-Fit
UPC	800753585010

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.182/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, 22+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	5556T
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**Reference - Drawing Numbers**

Application Specification	55560001-AS-000
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 Mini-Fit Jr. Terminals FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	<a href="#">11030044</a> <a href="#">2037026300</a>
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PremiumGrade Hand	<u>638190901</u>
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	
FineAdjust	<u>639015600</u>
Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	
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 Insulation OD 2.50-2.95mm, 18-24 AWG	
FineAdjust Applicator	<u>639048000</u>
for Insulation OD 1.65-2.05mm, 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	
T2 Terminator	<u>639147800</u>
for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	
T2 Terminator	<u>639148000</u>
for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
Applicator for M211A	<u>570223000</u>
Bench Press, 18-24 AWG Wire	

S-1 Applicator 570223700  
for Mini-Fit Plug  
and Receptacle  
Terminals, 18-24  
AWG, UL1007 Wires  
S-1 Applicator 570223710  
for Mini-Fit Plug  
and Receptacle  
Terminals, 18-24  
AWG, UL1015 Wires  
Hand Extraction Tool 570316000

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