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**Part Number:** **0039000040**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24, 22+22 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-002-001 (PDF)</a>
<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 55580001-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="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000041 (Loose)
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, 22+22, 24
Wire Size mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

**Solder Process Data**

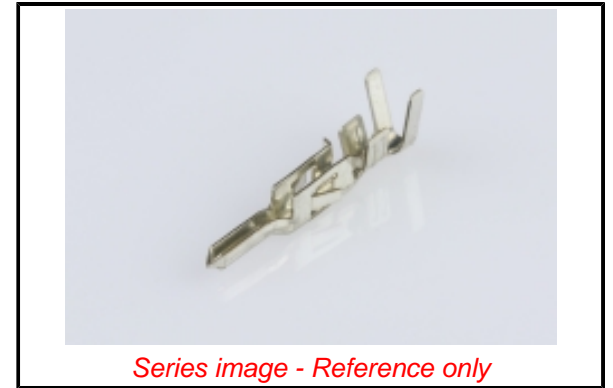
Lead-freeProcess Capability	N/A
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**Material Info**

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

Application Specification	55560001-AS-000
Packaging Specification	55580001-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	SD-5558XXXX-001, SD-5558XXXX-002



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 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**

5558 Series

**Use With**

Mini-Fit Jr. Plug Housing [5559](#) <br>Mini-Fit  
BMI Plug Housing [42475](#)

**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	<a href="#">11030044</a>
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	<a href="#">2037026300</a>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and	<a href="#">638190901</a>

Female Terminals, 18-24 AWG FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only FineAdjust Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG T2 Terminator for insulation OD 1.90-2.30mm - 18-24 AWG T2 Terminator for insulation OD 1.40-1.70mm - 18-24 AWG T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only T2 Terminator for insulation OD 2.30-2.60mm - 18-24 AWG T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	<u>639015600</u> <u>639023900</u> <u>639024800</u> <u>639024900</u> <u>639047800</u> <u>639048000</u> <u>639115600</u> <u>639123900</u> <u>639124800</u> <u>639124900</u> <u>639147800</u> <u>639148000</u>
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1007 Wires	<u>570223700</u>
S-1 Applicator for Mini-Fit Plug	<u>570223710</u>

and Receptacle  
Terminals, 18-24  
AWG, UL1015 Wires  
Hand Extraction Tool 570316000

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