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**Part Number:** **0039000145**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 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 55580001-PK-000 (PDF)</a>
<a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (PDF)</a>
<a href="#">Product Specification 55560002-PS-SK-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	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Packaging Alternative	<a href="#">39000146 (Loose)</a>
Product Name	Mini-Fit
UPC	800753827172

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	462.746/mg
Packaging Type	Reel
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
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**

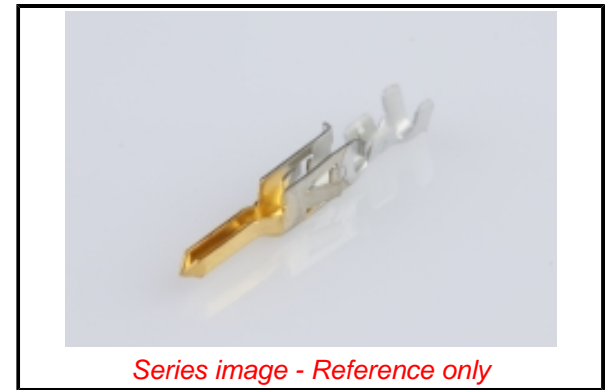
Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	5558GS8
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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, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558-002-001
Test Summary	55560010-TS-000, TS-5556-002-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**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

Not Relevant

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 #**

PremiumGrade Hand	<a href="#">638191000</a>
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG	
FineAdjust Applicator	<a href="#">639002700</a>
for Insulation OD 1.30-1.50mm, 22-28 AWG Wire	

FineAdjust Applicator 639020200  
for Insulation OD  
1.10-1.30mm - 22-28  
AWG  
FineAdjust Applicator 639023800  
for Insulation OD  
0.95-1.08mm - 22-28  
AWG  
T2 Terminator 639102700  
for Insulation OD  
1.30-1.50mm, 22-28  
AWG  
T2 Terminator 639120200  
for insulation OD  
1.10-1.30mm - 22-28  
AWG  
T2 Terminator 639123800  
for insulation OD  
0.95-1.08mm - 22-28  
AWG

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