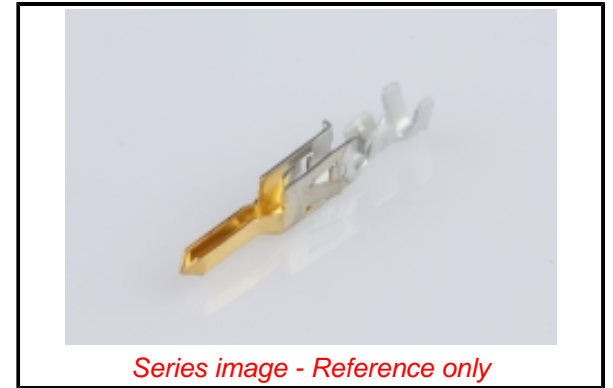


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**Part Number:** **0039000095**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 16 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-58691-004-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a>	<a href="#">Application Specification 55560001-AS-000 (PDF)</a>
<a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>	<a href="#">Packaging Specification 55580001-PK-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>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	



Series image - Reference only

**General**

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Family Power Connectors</u>
Packaging Alternative	<u>39000096 (Loose)</u>
Product Name	Mini-Fit
UPC	800754394994

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	125.900/mg
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

**Material Info**

Engineering Number	5558GS3
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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, PS-58691-004-001
Sales Drawing	SD-5558-002-001
Test Summary	55560010-TS-000, TS-5556-002-001

**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 #**

Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<u>2002182200</u>
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 20 & 22	<u>2037026200</u>

AWG, 20 & 20 AWG,  
 or 18 & 22 AWG  
 Wires  
 FineAdjust Applicator 639039400  
 for Insulation OD  
 2.20-2.45mm,  
 Optimized for 16  
 AWG Only  
 FineAdjust Applicator 639041400  
 for Mini-Fit Jr., Mini-  
 Fit HCS, and Mini-  
 Fit Plus HCS Crimp  
 Terminals, 16 AWG  
 with Large Insulation  
 Diameters  
 FineAdjust 639041500  
 Applicator for Mini-  
 Fit Crimp Terminals,  
 1.80-2.20mm  
 Insulation Diameter  
 Wire, 16 AWG,  
 1.31mm<sup>2</sup>  
**Japan**  

Description	Product #
Applicator for M21 1A Bench Press, 18-24 AWG Wire	<u>570223000</u>

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