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**Part Number:** [0039000095](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. 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 TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-5556-001-001 (PDF)</a>	<a href="#">Application Specification AS-58696-004-001 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">Packaging Specification PK-5558-001 (PDF)</a>
<a href="#">Product Specification PS-58691-004-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	<a href="#">5558</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0096 (Loose)</a>
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	AS-58696-004-001
Packaging Specification	PK-5558-001
Product Specification	PS-5556-001-001, PS-5556-002-001, PS-58691-004-001, TS-5556-002-001
Sales Drawing	SD-5558-002-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**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

**Mates With**

[5556](#) Mini-Fit Crimp Terminal

**Use With**

[5559](#) Mini-Fit Jr. Plug Housing

**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	<a href="#">11030044</a>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG FineAdjust Applicator for Insulation OD 2.20-2.45mm,	<a href="#">2002182200</a>

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**

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