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**Part Number:** **0039000120**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn) Plated Brass Contact, 18-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 55580001-PK-000 (PDF)</a>
<a href="#">Product Specification 55560008-TS-000 (PDF)</a>	<a href="#">Test Summary 55560010-TS-000 (PDF)</a>
<a href="#">Product Specification PS-5556-001-001 (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 55560001-AS-000 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	<u>5558</u>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr. Power Connectors</u>
Packaging Alternative	<u>39000121 (Loose)</u>
Product Name	Mini-Fit
UPC	800754395151

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.126/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
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	5558-S
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**Reference - Drawing Numbers**

Application Specification	55560001-AS-000
Packaging Specification	55580001-PK-000
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558-XSX
Test Summary	55560010-TS-000, TS-5556-002-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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	<u>11030044</u>
FineAdjust Applicator	<u>2037026300</u>
for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	
Hand Crimp Tool	<u>638190901</u>
for Mini-Fit Jr. Male and Female Crimp	

Terminals, 18-24  
 AWG  
 FineAdjust Applicator [639015600](#)  
 for Insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 FineAdjust Applicator [639023900](#)  
 for Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust Applicator [639024800](#)  
 for Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 FineAdjust Applicator [639024900](#)  
 for Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 FineAdjust Applicator [639047800](#)  
 for Insulation OD  
 2.50-2.95mm, 18-24  
 AWG  
 FineAdjust Applicator [639048000](#)  
 for Insulation OD  
 1.65-2.05mm, 18-24  
 AWG  
 T2 Terminator [639115600](#)  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 T2 Terminator [639123900](#)  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 T2 Terminator [639124800](#)  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator [639124900](#)  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator [639147800](#)  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Large  
 Insulation ODs  
 T2 Terminator [639148000](#)  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Smaller  
 Insulation ODs

This document was generated on 07/13/2020

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