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**Part Number:** [0039000083](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 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	<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="#">39000084</a> (Loose)
Product Name	Mini-Fit
UPC	800753694415

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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	5558PBT3
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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-5558XXX-001, SD-5558XXX-002
Test Summary	55560010-TS-000, TS-5556-002-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 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	<a href="#">11030044</a>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<a href="#">2002182200</a>
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 20 & 22 AWG, 20 & 20 AWG,	<a href="#">2037026200</a>

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>

This document was generated on 04/13/2020

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