

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0040130851](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-002-001 (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 55560001-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>

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit
UPC	800753839892

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Reel
Plating min - Mating	1.270µm
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

**Material Info**

Engineering Number	5556GS7
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**Reference - Drawing Numbers**

Application Specification	55560001-AS-000
Packaging Specification	55560001-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
Sales Drawing	SD-5556-006-001
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**

5556 Series

**Use With**

Mini-Fit Jr. Receptacle Housing [5557](#).  
Mini-Fit BMI Slide and Lock Panel Mount  
[44516](#). Mini-Fit BMI Panel Mount Receptacle  
Housing. [42474](#) , [43760](#)

**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	<a href="#">11030044</a>
FineAdjust Applicator for Mini-Fit Double Crimp Applications	<a href="#">2037026300</a>
Using Two 22 AWG Wires	

PremiumGrade Hand638190901  
Crimp Tool for Mini-  
Fit Jr. Male and  
Female Terminals,  
18-24 AWG  
FineAdjust 639015600  
Applicator for 18-20  
AWG and 18-24  
AWG Wires with  
Insulation Diameter  
1.90-2.30mm  
FineAdjust Applicator639023900  
for Insulation OD  
1.40-1.70mm - 18-24  
AWG  
FineAdjust Applicator639024800  
for Insulation OD  
2.50-2.95mm  
Optimized for 18  
AWG Only  
FineAdjust Applicator639024900  
for Insulation OD  
2.30-2.60mm - 18-24  
AWG  
FineAdjust Applicator639047800  
for Insulation OD  
2.50-2.95mm, 18-24  
AWG  
FineAdjust Applicator639048000  
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 09/27/2021

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