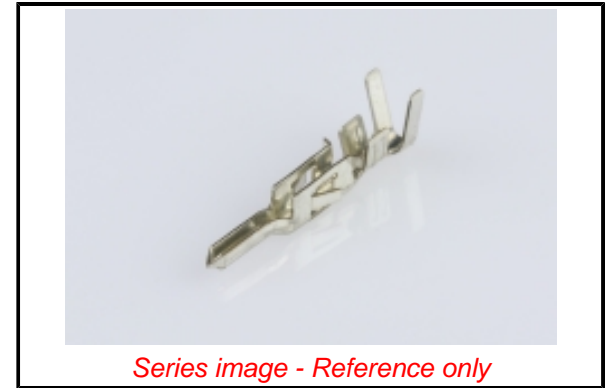


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**Part Number:** **0039000120**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Male Crimp Terminal, Tin (Sn) Plated Brass Contact, 18-24 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">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 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>



Series image - Reference only

**General**

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000121 (Loose)
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 mm²	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	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-5558-XSX-001
Test Summary	55560010-TS-000, TS-5556-002-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)  
Benzo(ghi)perylene  
Octanoic acid,  
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-  
pen  
Dodecamethylcyclhexasiloxane  
Decamethylcyclpentasiloxane  
Octamethylcycltetrasiloxane  
Disodium 3,3'-[[1,1'-  
Biphenyl]-4,4'-  
Diylbis(Azo)  
1,2-  
Benzenedicarboxylic  
acid, bis(3-  
methylbutyl)  
1,2-diethoxyethane  
Dibutyltin-dichloride  
C.I. Direct Black 38  
Ammonium-  
pentadecafluorooctanoate  
Phenol, 2-(2H-  
benzotriazol-2-yl)-4,6-  
bis(1,1-dim  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
Dibutylbis(pentane-2,4-  
dionato-O,O')tin  
2-(2H-Benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2-(2H-Benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
1,2-  
Benzenedicarboxylic

**China RoHS**

acid, dihexyl ester,  
bra  
diisohexyl phthalate  
1,2-  
Benzenedicarboxylic  
acid, dipentyl ester, br  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Fluoranthene  
Pyrene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Dioctyltin dilaurate,  
stannane, dioctyl-,  
bis(co  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Dipentyl phthalate  
Cobalt-dichloride  
Alkanes, C10-13,  
chloro  
Bis(tributyltin) oxide  
Lead chromate  
Lead chromate  
molybdate sulfate red  
Tris(2-chloroethyl)  
phosphate  
bis(2-methoxyethyl)  
ether  
1,2-Dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
Decabromodiphenylether  
Diboron-trioxide  
Cadmium-oxide  
Lead(II,IV)-oxide  
Lead  
Cadmium  
Lead-dinitrate  
Lead-titanium-trioxide  
Pentalead-tetraoxide-  
sulphate  
Tetralead-trioxide-  
sulphate  
Dioxobis(stearato)trilead  
Lead titanium  
zirconium oxide  
Cyanamide, lead(2+)  
salt (1:1)  
Sulfurous Acid, Lead  
Salt, Dibasic

Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
[Phthalato(2-)]dioxotrilead  
4-aminoazobenzene  
N,N-  
Dimethylformamide  
Phenanthrene  
Imidazolidine-2-thione

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 #
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Extraction Tool for Mini-Fit Jr. Terminals	<a href="#">11030044</a>
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	<a href="#">2037026300</a>
PremiumGrade Hand Crimp Tool for Mini- Fit Jr. Male and Female Terminals, 18-24 AWG	<a href="#">638190901</a>
FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	<a href="#">639015600</a>
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<a href="#">639023900</a>
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<a href="#">639024800</a>
FineAdjust Applicator for Insulation OD	<a href="#">639024900</a>

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

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