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Part Number: [0039000048](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Plated Brass Contact, 22-28 AWG, Reel

Documents:

- | | |
|--|---|
| Drawing (PDF) | Application Specification 55560001-AS-000 (PDF) |
| Product Specification 55560002-PS-CH-000 (PDF) | Packaging Specification 55580001-PK-000 (PDF) |
| Product Specification 55560002-PS-ES-000 (PDF) | Test Summary 55560000-TS-000 (PDF) |
| Product Specification 55560002-PS-SK-000 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification 55560008-TS-000 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-5556-002-001 (PDF) | |

General

Product Family	Crimp Terminals
Series	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000049 (Loose)
Product Name	Mini-Fit
UPC	800753584617

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.154/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	5558T2
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Crimp Specification	CS-5556X2_5558X2-031, CS-5556X2_5558X2-032
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-5558XXXX-001, SD-5558XXXX-002



Series image - Reference only

EU ELV

Compliant

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	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[5558](#) Series

Use With

Mini-Fit Jr. Plug Housing [5559](#)
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	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG	638191000
FineAdjust Applicator for Insulation OD	639002700

1.30-1.50mm, 22-28 AWG Wire FineAdjust Applicator	<u>639020200</u>
for Insulation OD 1.10-1.30mm - 22-28 AWG FineAdjust Applicator	<u>639023800</u>
for Insulation OD 0.95-1.08mm - 22-28 AWG T2 Terminator	<u>639102700</u>
for Insulation OD 1.30-1.50mm, 22-28 AWG T2 Terminator	<u>639120200</u>
for insulation OD 1.10-1.30mm - 22-28 AWG T2 Terminator	<u>639123800</u>
for insulation OD 0.95-1.08mm - 22-28 AWG Japan	
Description	Product #
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 22-28 AWG Hand Extraction Tool	<u>570223720</u>
Applicator for M211A	<u>570383000</u>
Bench Press, 22-28 AWG Wire	

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Molex:

[39-00-0048 \(Cut Strip\)](#) [39-00-0048 \(Mouser Reel\)](#)