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Part Number: [0039000046](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

Documents:

Drawing (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Packaging Specification 55560001-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)	Datasheet (PDF)
Product Specification PS-5556-002-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000047 (Loose)
Product Name	Mini-Fit
UPC	800753627710

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	123.000/mg
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	5556T2
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Crimp Specification	CS-5556X2_5558X2-031 , CS-5556X2_5558X2-032
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	55560000-SD-000



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

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	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 [11030044](#)
Mini-Fit Jr. Terminals
PremiumGrade Hand**[638191000](#)**
Crimp Tool for Mini-
Fit Jr. Male and
Female Terminals,
22-28 AWG

FineAdjust Applicator639002700
for Insulation OD
1.30-1.50mm, 22-28
AWG Wire
FineAdjust Applicator639020200
for Insulation OD
1.10-1.30mm - 22-28
AWG
FineAdjust Applicator639023800
for Insulation OD
0.95-1.08mm - 22-28
AWG
T2 Terminator 639102700
for Insulation OD
1.30-1.50mm, 22-28
AWG
T2 Terminator 639120200
for insulation OD
1.10-1.30mm - 22-28
AWG
T2 Terminator 639123800
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	570223720
Hand Extraction Tool	570316000
Applicator for M211A	570383000
Bench Press, 22-28 AWG Wire	

Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0046 \(Cut Strip\)](#) [39-00-0046 \(Mouser Reel\)](#)