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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 mm ²	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	5556T2
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Reference - Drawing Numbers

Application Specification	55560001-AS-000
Crimp Specification	CS-5556X2_5558X2
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(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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	

Test Summary

55560000-TS-000, 55560010-TS-000,
TS-5556-002-001

FineAdjust Applicator	<u>639002700</u>
for Insulation OD	
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	<u>570223720</u>
for Mini-Fit Plug	
and Receptacle	
Terminals, 22-28	
AWG	
Hand Extraction Tool	<u>570316000</u>
Applicator for M21 1A	<u>570383000</u>
Bench Press, 22-28	
AWG Wire	

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