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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

Material Info

Engineering Number

5556T2

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 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 M211A	<u>570383000</u>
Bench Press, 22-28	
AWG Wire	

Mouser Electronics

Authorized Distributor

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Molex:

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