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Part Number: **0039000059**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24, 22 +22 AWG, Reel

Documents:

| | |
|--|---|
| Drawing (PDF) | Product Specification PS-5556-002-001 (PDF) |
| Product Specification 55560002-PS-CH-000 (PDF) | Application Specification 55560001-AS-000 (PDF) |
| Product Specification 55560002-PS-ES-000 (PDF) | Packaging Specification 55560001-PK-000 (PDF) |
| Product Specification 55560002-PS-SK-000 (PDF) | Packaging Specification SPK-5556-001-001 (PDF) |
| Product Specification 55560008-TS-000 (PDF) | Packaging Specification SPK-5556-001-002 (PDF) |
| Product Specification PS-51010-003-001 (PDF) | Packaging Specification SPK-5556-001-003 (PDF) |
| Product Specification PS-51010-004-001 (PDF) | Test Summary 55560000-TS-000 (PDF) |
| Product Specification PS-51045-003-001 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification PS-52252-001-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (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 | 39000060 (Loose) |
| Product Name | Mini-Fit |
| UPC | 800753584662 |

Physical

| | |
|--------------------------------|-----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.127/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.914µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.30-3.10mm |
| Wire Size AWG | 18, 20, 22, 22+22, 24 |
| Wire Size mm ² | N/A |

Electrical

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

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|---------|
| Engineering Number | 5556PBT |
|--------------------|---------|

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 55560001-AS-000 |
| Packaging Specification | 55560001-PK-000, SPK-5556-001-001, SPK-5556-001-002, SPK-5556-001-003 |



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

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 | |
| FineAdjust Applicator | 2037026300 |
| for Mini-Fit Double | |
| Crimp Applications | |
| Using Two 22 AWG | |
| Wires | |

Product Specification

Sales Drawing
Test Summary

55560002-PS-CH-000, 55560002-PS-ES-000,
55560002-PS-SK-000, 55560008-TS-000,
PS-51010-003-001, PS-51010-004-001,
PS-51045-003-001, PS-52252-001-001,
PS-5556-001-001, PS-5556-002-001
55560000-SD-000
55560000-TS-000, 55560010-TS-000,
TS-5556-002-001

PremiumGrade Hand638190901
Crimp Tool for Mini-
Fit Jr. Male and
Female Terminals,
18-24 AWG
FineAdjust 639015600
Applicator for 18-20
AWG and 18-24
AWG Wires with
Insulation Diameter
1.90-2.30mm
FineAdjust Applicator639023900
for Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust Applicator639024800
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
FineAdjust Applicator639024900
for Insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust Applicator639047800
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator639048000
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

Japan

| Description | Product # |
|--|------------------|
| Applicator for M211A Bench Press, 18-24 AWG Wire | <u>570223000</u> |

| | |
|--|------------------|
| S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1007 Wires | <u>570223700</u> |
| S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24 AWG, UL1015 Wires | <u>570223710</u> |

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