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Part Number: [0039000060](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Bag

Documents:

| | |
|--|---|
| Drawing (PDF) | Product Specification PS-5556-001-001 (PDF) |
| Product Specification 55560002-PS-CH-000 (PDF) | Product Specification PS-5556-002-001 (PDF) |
| Product Specification 55560002-PS-ES-000 (PDF) | Application Specification 55560001-AS-000 (PDF) |
| Product Specification 55560002-PS-SK-000 (PDF) | Packaging Specification PK-5556-003-001 (PDF) |
| Product Specification PS-51010-003-001 (PDF) | Packaging Specification SPK-5556-001-001 (PDF) |
| Product Specification PS-51010-004-001 (PDF) | Packaging Specification SPK-5556-001-002 (PDF) |
| Product Specification PS-51045-003-001 (PDF) | Packaging Specification SPK-5556-001-003 (PDF) |
| Product Specification PS-52252-001-001 (PDF) | Test Summary 55560000-TS-000 (PDF) |
| Product Specification PS-54111-001-001 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification PS-54111-002-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-54452-006-001 (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 | 39000059 (Reel) |
| Product Name | Mini-Fit |
| Taxonomy | Crimp Terminals |
| UPC | 800753584679 |

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 | Bag |
| 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, 24 |
| Wire Size mm ² | N/A |

Electrical

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

Material Info

| | |
|--------------------|----------|
| Engineering Number | 5556PBTl |
|--------------------|----------|

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 55560001-AS-000 |
| Packaging Specification | PK-5556-003-001, SPK-5556-001-001, SPK-5556-001-002, SPK-5556-001-003 |
| Product Specification | 55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-51010-003-001, PS-51010-004-001, PS-51045-003-001, |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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[638190901](#)

Crimp Tool for Mini-

Fit Jr. Male and

Female Terminals,

18-24 AWG

Japan

Sales Drawing
Test Summary

PS-52252-001-001, PS-54111-001-001,
PS-54111-002-001, PS-54452-006-001,
PS-5556-001-001, PS-5556-002-001
55560000-SD-000
55560000-TS-000, 55560010-TS-000,
TS-5556-002-001

| Description | Product # |
|----------------------------|------------------|
| Handtool (Straight Action) | <u>570225500</u> |
| Hand Crimp Tool | <u>570265000</u> |
| Hand Crimp Tool | <u>570275000</u> |

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