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Part Number: [0039000062](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: [Mini-Fit® Male Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 18-24 AWG, Bag](#)

Documents:

| | |
|--|---|
| Drawing (PDF) | Product Specification PS-5556-002 (PDF) |
| Product Specification PS-51010-003 (PDF) | Test Summary TS-5556-002 (PDF) |
| Product Specification PS-51010-004 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 5558 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr.™ Power Connectors |
| Packaging Alternative | 39-00-0061 (Reel) |
| Product Name | Mini-Fit® |
| UPC | 800753627734 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Male |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.120/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 mm² | N/A |

Electrical

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

Material Info

| | |
|-----------------|----------|
| Old Part Number | 5558PBTL |
|-----------------|----------|

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-51010-003 , PS-51010-004 , PS-5556-002 , RPS-52034-001 |
| Sales Drawing | SD-5558**** |
| Test Summary | TS-5556-002 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[5558 Series](#)

Mates With

[5556 Mini-Fit® Crimp Terminal](#)

Use With

[5559 Mini-Fit Jr.™ Plug Housing](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)

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 #

Hand Crimp Tool for [0638190900](#)
Male and Female

Crimp Terminals,
16-24 AWG Wire
Extraction Tool 0011030044

Japan

| Description | Product # |
|--------------------|------------------|
|--------------------|------------------|

| | |
|-------------------------------|-------------------|
| Handtool (Straight Action) | <u>0570225500</u> |
|-------------------------------|-------------------|

| | |
|-----------------|-------------------|
| Hand Crimp Tool | <u>0570265000</u> |
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