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Part Number: [0039000083](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: [Mini-Fit Male Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 16 AWG, Reel](#)

Documents:

| | |
|---|---|
| Drawing (PDF) | Packaging Specification 55580001-PK-000 (PDF) |
| Product Specification 55560008-TS-000 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-002-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 55560001-AS-000 (PDF) | |



General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 5558 |
| Application | Power, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr. Power Connectors |
| Packaging Alternative | 39000084 (Loose) |
| Product Name | Mini-Fit |
| UPC | 800753694415 |

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 | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.914µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.80-3.10mm |
| Wire Size AWG | 16 |
| Wire Size mm ² | N/A |

Electrical

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

Material Info

| | |
|--------------------|----------|
| Engineering Number | 5558PBT3 |
|--------------------|----------|

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 55560001-AS-000 |
| Packaging Specification | 55580001-PK-000 |
| Product Specification | 55560008-TS-000, PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing | SD-5558XXXX-001, SD-5558XXXX-002 |
| Test Summary | 55560010-TS-000, TS-5556-002-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[5558](#) Series

Use With

Mini-Fit Jr. Plug Housing [5559](#)
Mini-Fit
BMI Plug Housing [42475](#)

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 | 11030044 |
| Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG | 2002182200 |
| FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 20 & 22 AWG, 20 & 20 AWG, | 2037026200 |

or 18 & 22 AWG

Wires

FineAdjust Applicator 639039400

for Insulation OD

2.20-2.45mm,

Optimized for 16

AWG Only

FineAdjust Applicator 639041400

for Mini-Fit Jr., Mini-

Fit HCS, and Mini-

Fit Plus HCS Crimp

Terminals, 16 AWG

with Large Insulation

Diameters

FineAdjust 639041500

Applicator for Mini-

Fit Crimp Terminals,

1.80-2.20mm

Insulation Diameter

Wire, 16 AWG,

1.31mm²

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