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Part Number: [0039000185](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 16 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) | 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) | 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 | 39000186 (Loose) |
| Product Name | Mini-Fit |
| Taxonomy | Crimp Terminals |
| UPC | 800754395939 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.130/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| 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 |

Solder Process Data

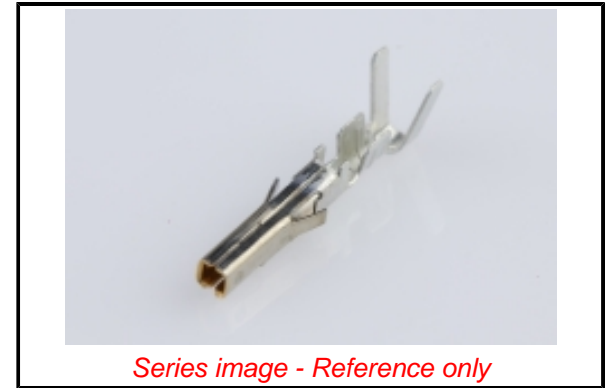
| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

| | |
|--------------------|-------------|
| Engineering Number | 5556-PBGS3P |
|--------------------|-------------|

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 55560001-AS-000 |
| 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 | SD-5556-006-001 |
| Test Summary | 55560010-TS-000, TS-5556-002-001 |



Series image - Reference only

EU ELV

Compliant

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

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 Mini-Fit Jr. Terminals | 11030044 |
| Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG | 2002182200 |
| FineAdjust Applicator for Mini-Fit Double | 2037026200 |

Crimp Applications
Using Two 20 & 22
AWG, 20 & 20 AWG,
or 18 & 22 AWG
Wires

FineAdjust Applicator [639039400](#)
for Insulation OD
2.20-2.45mm, 16
AWG

FineAdjust Applicator [639041400](#)
for Insulation OD
2.60-3.15mm, 16
AWG

FineAdjust Applicator [639041500](#)
for Insulation OD
1.80-2.20mm, 16
AWG

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