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Part Number: [0039000096](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Male Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 16 AWG, Bag

Documents:

| | |
|---|--|
| Drawing (PDF) | Application Specification AS-58696-004-001 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | Packaging Specification PK-5556-003-001 (PDF) |
| Product Specification PS-5556-002-001 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification PS-58691-004-001 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Application Specification 55560001-AS-000 (PDF) | RoHS Certificate of Compliance (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 | 39000095 (Reel) |
| Product Name | Mini-Fit |
| UPC | 800753524934 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 125.900/mg |
| Packaging Type | Bag |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.032µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.80-3.10mm |
| Wire Size AWG | 16 |
| Wire Size mm ² | N/A |

Electrical

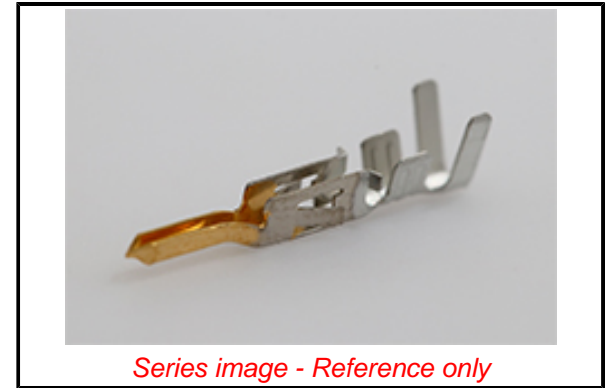
| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum | 600V |

Material Info

| | |
|--------------------|----------|
| Engineering Number | 5558GS3L |
|--------------------|----------|

Reference - Drawing Numbers

| | |
|---------------------------|--|
| Application Specification | 55560001-AS-000, AS-58696-004-001 |
| Packaging Specification | PK-5556-003-001 |
| Product Specification | PS-5556-001-001, PS-5556-002-001, PS-58691-004-001 |
| Sales Drawing | SD-5558-002-001 |
| Test Summary | 55560010-TS-000, TS-5556-002-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 |

Japan

Description

Product #

| | |
|-----------------------------------|---------------------------|
| Hand Crimp Tool | 570225300 |
| New Handtool (Straight Action) | 570225400 |

This document was generated on 04/30/2020

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