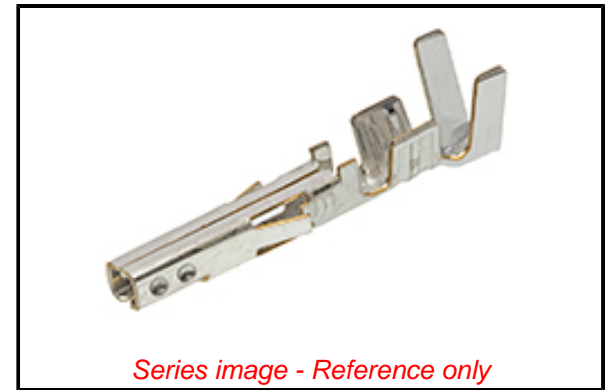


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Part Number: [0039000046](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

Documents:

| | |
|---|--|
| Drawing (PDF) | Test Summary 55560000-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) |
| Packaging Specification PK-5556-001 (PDF) | |



General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr. Power Connectors |
| Packaging Alternative | 39000047 (Loose) |
| Product Name | Mini-Fit |
| UPC | 800753627710 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 123.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.889µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.90-1.80mm |
| Wire Size AWG | 22, 24, 26, 28 |
| 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 | 5556T2 |
|--------------------|--------|

Reference - Drawing Numbers

| | |
|-------------------------|----------------------------------|
| Crimp Specification | CS-5556X2_5558X2 |
| Packaging Specification | PK-5556-001 |
| Product Specification | PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing | 55560000-SD-000 |
| Test Summary | 55560000-TS-000, TS-5556-002-001 |

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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](#)

Mates With

[5558](#) Mini-Fit Crimp Male Terminals. Mini-Fit Jr. Header, Dual Row, [5566](#) , [5569](#)

Use With

[5557](#) Mini-Fit Jr. Receptacle Housing, [30067](#) Mini-Fit TPA, [42474](#) Mini-Fit BMI Panel Mount

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 Crimp Terminals | 638191000 |
| FineAdjust Applicator for Insulation OD | 639002700 |

| | |
|--|--------------------------------------|
| 1.30-1.50mm, 22-28 AWG Wire FineAdjust Applicator | <u>639020200</u> |
| for Insulation OD 1.10-1.30mm - 22-28 AWG FineAdjust Applicator | <u>639023800</u> |
| for Insulation OD 0.95-1.08mm - 22-28 AWG T2 Terminator | <u>639102700</u> |
| for Insulation OD 1.30-1.50mm, 22-28 AWG T2 Terminator | <u>639120200</u> |
| for insulation OD 1.10-1.30mm - 22-28 AWG T2 Terminator | <u>639123800</u> |
| for insulation OD 0.95-1.08mm - 22-28 AWG | |
| Japan | |
| Description | Product # |
| S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 22-28 AWG Hand Extraction Tool | <u>570223720</u> |
| Applicator for M21 1A Bench Press, 22-28 AWG Wire | <u>570316000</u> <u>570383000</u> |

This document was generated on 08/19/2019

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