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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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#)

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr.™ Power Connectors |
| Packaging Alternative | 39-00-0047 (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 mm² | N/A |

Electrical

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

Solder Process Data

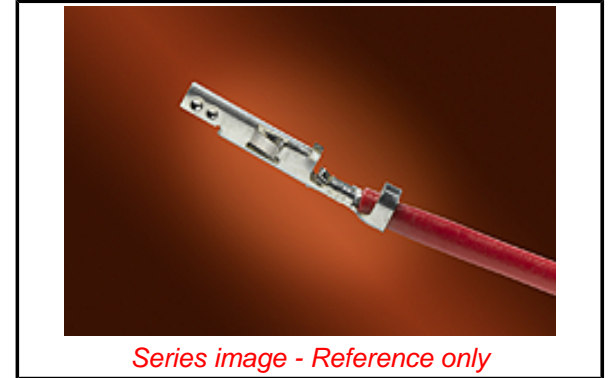
| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

| | |
|-----------------|--------|
| Old Part Number | 5556T2 |
|-----------------|--------|

Reference - Drawing Numbers

| | |
|-----------------------|---|
| Product Specification | PS-5556-001, RPS-30067-001, RPS-30067-002 |
| Sales Drawing | SD-5556**** |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

[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, [5559](#) Mini-Fit Jr.™ Plug Housing, Dual Row

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 | <u>0011030044</u> |
| Hand Crimp Tool for | <u>0638191000</u> |
| Crimp Terminals | |
| FineAdjust™ | <u>0639002700</u> |
| Applicator for | |
| Insulation OD | |
| 1.30-1.50mm, 22-28 | |
| AWG Wire | |
| FineAdjust™ | <u>0639020200</u> |
| Applicator for | |
| Insulation OD | |
| 1.10-1.30mm - 22-28 | |
| AWG | |
| FineAdjust™ | <u>0639023800</u> |
| Applicator for | |
| Insulation OD | |
| 0.95-1.08mm - 22-28 | |
| AWG | |
| T2 Terminator™ | <u>0639102700</u> |
| for insulation OD | |
| 1.30-1.50mm - 22-28 | |
| AWG | |
| T2 Terminator™ | <u>0639120200</u> |
| for insulation OD | |
| 1.10-1.30mm - 22-28 | |
| AWG | |
| T2 Terminator™ | <u>0639123800</u> |
| for insulation OD | |
| 0.95-1.08mm - 22-28 | |
| AWG | |
| Japan | |
| Description | Product # |
| Hand Extraction Tool | <u>0570316000</u> |
| Applicator for M21 1A | <u>0570383000</u> |
| Bench Press, 22-28 | |
| AWG Wire | |

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