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Part Number: [39-00-0046](#)
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) | Product Specification PS-5556-001 (PDF) |
| Product Specification PS-51010-005 (PDF) | Product Specification PS-5556-002 (PDF) |
| Product Specification PS-51010-006 (PDF) | Packaging Specification PK-5556-001 (PDF) |
| Product Specification PS-51096-001 (PDF) | Test Summary TS-5556-002 (PDF) |
| Product Specification PS-52034-003 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-52034-004 (PDF) | |

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr.™ Power Connectors |
| 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 | 9A |
| Voltage - Maximum | 600V |

Material Info

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

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | PK-5556-001 |
| Product Specification | PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-5557-031 |
| Sales Drawing | SD-5556**** |
| Test Summary | TS-5556-002 |



image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5556Series](#)

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 # |
|---------------------|----------------------------|
| Hand Crimp Tool for | 0638191000 |
| Crimp Terminals | |
| FineAdjust™ | 0639023800 |
| Applicator for | |

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

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