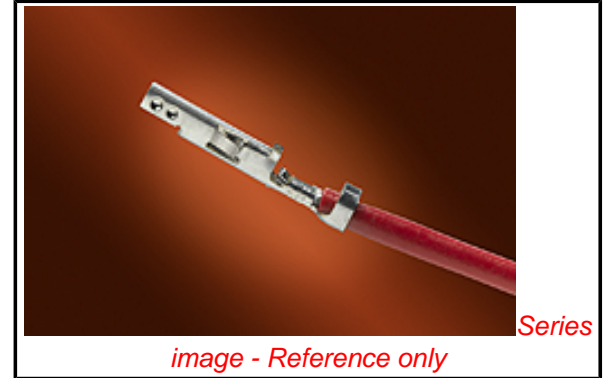


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Part Number: [39-00-0090](#)
Status: **Active**
Overview: [Mini-Fit Jr.™](#)
Description: 4.20mm Pitch Mini-Fit® Crimp Terminal, Female, Brass, Gold (Au), 16 AWG, Bag

Documents:

| | |
|--|--|
| Drawing (PDF) | Application Specification AS-58696-004 (PDF) |
| Product Specification PS-5556-001 (PDF) | Test Summary TS-5556-002 (PDF) |
| Product Specification PS-5556-002 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-58691-004 (PDF) | |



General

| | |
|-------------------------|-------------------------------|
| Product Family | Crimp Terminals |
| Series | 5556 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Jr.™ |
| Product Name | Mini-Fit® |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Packaging Type | Bag |
| 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 mm² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9A |
| Voltage - Maximum | 600V |

Material Info

| | |
|-----------------|--------------|
| Old Part Number | 5556GS3L |
| UPC | 800754394956 |

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | AS-58696-004 |
| Product Specification | PS-5556-001, PS-5556-002, PS-58691-004, RPS-51200-003, RPS-58691-003, RPS-58719-004 |
| Sales Drawing | SD-5556-006 |
| Test Summary | TS-5556-002 |

| | |
|--|--|
| EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Not Reviewed | 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 Male and Female Crimp Terminals, 16-24 AWG Wire | 0638190900 |

| | |
|-----------------|-------------------|
| Extraction Tool | <u>0011030044</u> |
|-----------------|-------------------|

Japan

| Description | Product # |
|--------------------|------------------|
|--------------------|------------------|

| | |
|-----------------|-------------------|
| Hand Crimp Tool | <u>0570225300</u> |
|-----------------|-------------------|

| | |
|-----------------------------------|-------------------|
| New Handtool (Straight Action) | <u>0570225400</u> |
|-----------------------------------|-------------------|

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