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

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Application Specification AS-58696-004 (PDF)</a> |
| <a href="#">Product Specification PS-5556-001 (PDF)</a>  | <a href="#">Test Summary TS-5556-002 (PDF)</a>               |
| <a href="#">Product Specification PS-5556-002 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Product Specification PS-58691-004 (PDF)</a> |  |

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                                |
| Series                  | 5556   |
| Application             | Power  |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">Mini-Fit Jr.™ Power Connectors</a> |
| Packaging Alternative   | <a href="#">39-00-0089 (Reel)</a>              |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 800754394956                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 130.000/mg           |
| 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 |
|-----------------|----------|

**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 Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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 | <a href="#">0638190900</a> |

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

**Japan**

| <b>Description</b> | <b>Product #</b> |
|--------------------|------------------|
|--------------------|------------------|

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

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

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