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**Part Number:** [39-00-0060](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Bag

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-54452-006 (PDF)</a> |
| <a href="#">Product Specification PS-51010-003 (PDF)</a> | <a href="#">Product Specification PS-54452-007 (PDF)</a> |
| <a href="#">Product Specification PS-51010-004 (PDF)</a> | <a href="#">Product Specification PS-54849-004 (PDF)</a> |
| <a href="#">Product Specification PS-51045-003 (PDF)</a> | <a href="#">Product Specification PS-5556-001 (PDF)</a>  |
| <a href="#">Product Specification PS-52252-001 (PDF)</a> | <a href="#">Product Specification PS-5556-002 (PDF)</a>  |
| <a href="#">Product Specification PS-54111-001 (PDF)</a> | <a href="#">Test Summary TS-5556-002 (PDF)</a>           |
| <a href="#">Product Specification PS-54111-002 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (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="#">39-00-0059 (Reel)</a>              |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 800753584679                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.127/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.914µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.30-3.10mm          |
| Wire Size AWG                  | 18, 20, 22, 24       |
| Wire Size mm²                  | N/A                  |

**Electrical**

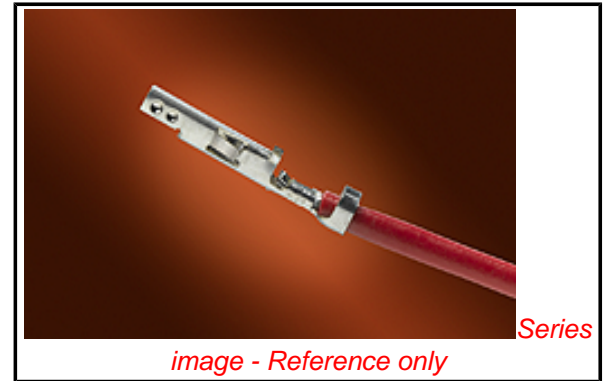
|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 9A   |
| Voltage - Maximum             | 600V |

**Material Info**

|                 |          |
|-----------------|----------|
| Old Part Number | 5556PBTB |
|-----------------|----------|

**Reference - Drawing Numbers**

|                       |   |
|-----------------------|---|
| Product Specification | PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54111-001, PS-54111-002, PS-54452-006, PS-54452-007, PS-54849-004, PS-5556-001, PS-5556-002, RPS-51045-002, RPS-52034-001, RPS-54111-002, RPS-54111-004, RPS-54111-005, RPS-54269-004, RPS-54849-001, RPS-5557-001, RPS-5557-027, RPS-5557-054 |
| Sales Drawing         | SD-5556****   |
| 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 0011030044

**Japan**

**Description** **Product #**

Hand Crimp Tool 0570265000

Handtool (Straight  
Action) 0570225500

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