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**Part Number:** [39-00-0038](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel

**Documents:**

- |                                                          |                                                           |
|----------------------------------------------------------|-----------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-52034-003 (PDF)</a>  |
| <a href="#">Product Specification PS-51010-005 (PDF)</a> | <a href="#">Product Specification PS-52034-004 (PDF)</a>  |
| <a href="#">Product Specification PS-51010-006 (PDF)</a> | <a href="#">Product Specification PS-5556-001 (PDF)</a>   |
| <a href="#">Product Specification PS-51045-001 (PDF)</a> | <a href="#">Product Specification PS-5556-002 (PDF)</a>   |
| <a href="#">Product Specification PS-51045-002 (PDF)</a> | <a href="#">Packaging Specification PK-5556-001 (PDF)</a> |
| <a href="#">Product Specification PS-51045-004 (PDF)</a> | <a href="#">Test Summary TS-5556-002 (PDF)</a>            |
| <a href="#">Product Specification PS-51096-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>      |

**General**

|                         |                                                |
|-------------------------|------------------------------------------------|
| Product Family          | Crimp Terminals                                |
| Series                  | <a href="#">5556</a>                           |
| Application             | Power                                          |
| Crimp Quality Equipment | Yes                                            |
| Overview                | <a href="#">Mini-Fit Jr.™ Power Connectors</a> |
| Packaging Alternative   | <a href="#">39-00-0039</a> (Loose)             |
| Product Name            | Mini-Fit®                                      |
| UPC                     | 800753585010                                   |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.130/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.889µm              |
| 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 | 5556T |
|-----------------|-------|

**Reference - Drawing Numbers**

|                         |                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging Specification | PK-5556-001                                                                                                                                                                                                                                                                                                          |
| Product Specification   | PS-51010-005, PS-51010-006, PS-51045-001, PS-51045-002, PS-51045-004, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-42474-001, RPS-51045-001, RPS-5557-008, RPS-5557-024, RPS-5557-031, RPS-5557-036, RPS-5557-037, RPS-5557-045, RPS-5557-046, RPS-5566-002 |



image - Reference only

Series

**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> |

|                      |            |
|----------------------|------------|
| FineAdjust™          | 0639023900 |
| Applicator for       |            |
| Insulation OD        |            |
| 1.40-1.70mm - 18-24  |            |
| AWG                  |            |
| T2 Terminator™ for   | 0639102900 |
| insulation OD 1.65   |            |
| – 2.05mm – 18 – 24   |            |
| AWG                  |            |
| T2 Terminator™       | 0639123900 |
| for insulation OD    |            |
| 1.40-1.70mm - 18-24  |            |
| AWG                  |            |
| FineAdjust™          | 0639024800 |
| Applicator for       |            |
| Insulation OD        |            |
| 2.50-2.95mm          |            |
| Optimized for 18     |            |
| AWG Only             |            |
| T2 Terminator™       | 0639115600 |
| for insulation OD    |            |
| 1.90-2.30mm - 18-24  |            |
| AWG                  |            |
| Extraction Tool      | 0011030044 |
| FineAdjust™          | 0639002600 |
| Applicator for       |            |
| Insulation OD        |            |
| 2.50-2.95mm - 18-24  |            |
| AWG                  |            |
| FineAdjust™          | 0639002900 |
| Applicator for       |            |
| Insulation OD        |            |
| 1.65-2.05mm - 18-24  |            |
| AWG                  |            |
| T2 Terminator™       | 0639102600 |
| for insulation OD    |            |
| 2.50-2.95mm - 18-24  |            |
| AWG                  |            |
| T2 Terminator™       | 0639124800 |
| for insulation OD    |            |
| 2.50-2.95mm          |            |
| optimized for 18     |            |
| AWG only             |            |
| FineAdjust™          | 0639015600 |
| Applicator for       |            |
| Insulation OD        |            |
| 1.90-2.30mm - 18-24  |            |
| AWG                  |            |
| FineAdjust™          | 0639024900 |
| Applicator for       |            |
| Insulation OD        |            |
| 2.30-2.60mm - 18-24  |            |
| AWG                  |            |
| T2 Terminator™       | 0639124900 |
| for insulation OD    |            |
| 2.30-2.60mm - 18-24  |            |
| AWG                  |            |
| Japan                |            |
| Description          | Product #  |
| Side-Feed Applicator | 0570223200 |
| For Full-Auto        |            |
| Machine              |            |
| Hand Extraction Tool | 0570316000 |

Applicator for M211A 0570223000  
Bench Press, 18-24  
AWG Wire

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