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**Part Number:** [0430310006](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0™ Connectors  
**Description:** Micro-Fit 3.0™ Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 26-30 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-43045 \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Test Summary TS-43045-002 \(PDF\)](#)

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | Crimp Terminals                           |
| Series                      | <a href="#">43031</a>                     |
| Application                 | Power                                     |
| Crimp Quality Equipment     | Yes                                       |
| Overview                    | <a href="#">Micro-Fit 3.0™ Connectors</a> |
| Packaging Alternative       | <a href="#">43031-0012 (Loose)</a>        |
| Product Literature Order No | 987650-5984                               |
| Product Name                | Micro-Fit 3.0™                            |
| UPC                         | 800754369503                              |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Male                 |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.27mm max.          |
| Wire Size AWG                  | 26, 28, 30           |
| Wire Size mm <sup>2</sup>      | N/A                  |

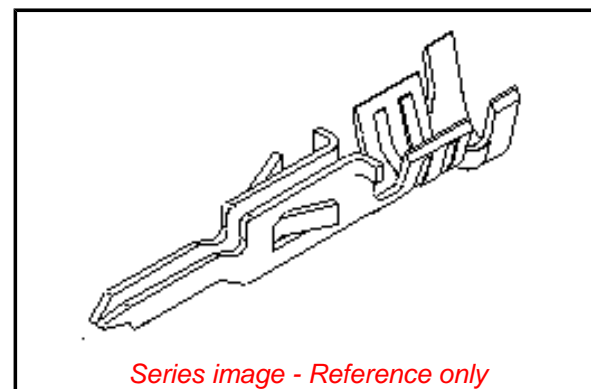
**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | PS-43045, RPS-43045-003, RPS-43045-004 |
| Sales Drawing         | SD-43031-****                          |
| Test Summary          | TS-43045-002                           |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[43031](#) Series

**Mates With**

[43030](#) Micro-Fit 3.0™ Female Crimp Terminals

**Use With**

[43020](#) , [43640](#) Micro-Fit 3.0™ Plug Housings, [44300](#) Micro-Fit BMI™ Panel Mount Plug Housings

**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

[0638190000](#)

|                     |                   |
|---------------------|-------------------|
| Extraction Tool     | <u>0011030043</u> |
| Insertion Tool for  | <u>0638120800</u> |
| Crimp Terminal      |                   |
| FineAdjust™         | <u>0639001600</u> |
| Applicator for      |                   |
| Insulation OD       |                   |
| 0.63-1.10mm, 26-30  |                   |
| AWG                 |                   |
| FineAdjust™         | <u>0639004400</u> |
| Applicator for      |                   |
| Insulation OD       |                   |
| 1.12-1.27mm, 26-30  |                   |
| AWG Wire            |                   |
| T2 Terminator™      | <u>0639104400</u> |
| for insulation OD   |                   |
| 1.12-1.27mm - 26-30 |                   |
| AWG                 |                   |

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