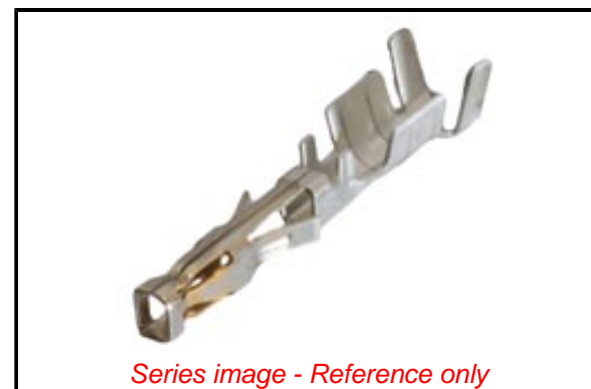


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0430310009](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0 Connector System Product Family  
**Description:** Micro-Fit 3.0™ Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Bag

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-43030-003 (PDF)</a> |
| <a href="#">Product Specification PS-43045 (PDF)</a>         | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |
| <a href="#">Product Specification TS-43045-002-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                   |
| <a href="#">Product Specification TS-46235-001-001 (PDF)</a> |  |



**General**

|                             |   |
|-----------------------------|---|
| Product Family              | Crimp Terminals                               |
| Series                      | 43031   |
| Application                 | Power   |
| Crimp Quality Equipment     | Yes   |
| Overview                    | Micro-Fit 3.0 Connector System Product Family |
| Packaging Alternative       | 43031-0003 (Reel)                             |
| Product Literature Order No | 987650-5984                                   |
| Product Name                | Micro-Fit 3.0™                                |
| UPC                         | 800754369589                                  |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Male                 |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 0.061/g              |
| Packaging Type                 | Bag                  |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 2.540µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 1.85mm max.          |
| Wire Size AWG                  | 20, 22, 24           |
| Wire Size mm <sup>2</sup>      | N/A                  |

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | PK-43030-003                                 |
| Product Specification   | PS-43045, TS-43045-002-001, TS-46235-001-001 |
| Sales Drawing           | SD-43031-****                                |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**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