

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

**Part Number:** **0430300004**  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit 3.0 Crimp Terminal, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 26-30 AWG, Reel

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Test Summary 430450005-TS-000 (PDF)</a>  |
| <a href="#">Product Specification 430450001-PS-KO-000 (PDF)</a> | <a href="#">Test Summary TS-43045-001-001 (PDF)</a>  |
| <a href="#">Product Specification 430450001-PS-SP-000 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Product Specification PS-43045-001 (PDF)</a>        | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification PK-43030-001-001 (PDF)</a>  |  |

**General**

|                         |                                    |
|-------------------------|------------------------------------|
| Product Family          | Crimp Terminals                    |
| Series                  | 43030                              |
| Application             | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes                                |
| Overview                | <u>Micro-Fit Connector System</u>  |
| Packaging Alternative   | 430300010 (Loose)                  |
| Product Name            | Micro-Fit 3.0                      |
| Taxonomy                | Crimp Terminals                    |
| UPC                     | 800754320092                       |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Phosphor Bronze      |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 93.000/mg            |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 1.016µm              |
| Plating min - Termination      | 1.016µm              |
| 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                  |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | PK-43030-001-001                                       |
| Product Specification   | 430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001 |
| Sales Drawing           | SD-43030-XXXX-001                                      |
| Test Summary            | 430450005-TS-000, TS-43045-001-001                     |



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

43030 Series

**Use With**

Micro-Fit 3.0 Receptacle Housings [43025](#), [43645](#) <br>Micro-Fit BMI Panel Mount Receptacle Housings [44133](#), [46623](#) <br>Micro-Fit TPA Receptacle Housing [171850](#), [172952](#)

**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 #**

|  |                           |
|--|---------------------------|
| Extraction Tool for Micro-Fit Terminals                        | <a href="#">11030043</a>  |
| Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp | <a href="#">638120800</a> |

Terminals, 20-30  
AWG  
PremiumGrade Hand638190000  
Crimp Tool for Micro-  
Fit 3.0 Terminals,  
20-30 AWG  
FineAdjust Applicator639004400  
for Insulation OD  
1.12-1.27mm, 26-30  
AWG Wire  
FineAdjust Applicator639046600  
for Micro-Fit 3.0  
Crimp Terminals,  
Insulation OD  
0.63-1.10mm 26-30  
AWG  
T2 Terminator 639104400  
for Insulation OD  
1.12-1.27mm, 26-30  
AWG

**Japan**

| <b>Description</b>  | <b>Product #</b> |
|---|------------------|
| S-1 Applicator for<br>Micro-Fit 3.0 Plug<br>and Receptacle<br>Crimp Terminals,<br>26-30 AWG | <u>572983710</u> |

This document was generated on 09/23/2022

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