

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

**Part Number:** **0430310023**  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-43045-001-001 (PDF)</a>
<a href="#">Product Specification PS-43045-001 (PDF)</a>	<a href="#">Test Summary TS-43045-002-001 (PDF)</a>
<a href="#">Packaging Specification PK-43031-001-001 (PDF)</a>	<a href="#">Test Summary TS-46235-001-001 (PDF)</a>
<a href="#">Test Summary 430450005-TS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Test Summary 430450006-TS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Comments	Part Number 430310023 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Crimp Quality Equipment Overview	Yes
Product Name	<u>Micro-Fit Connector System</u>
UPC	Micro-Fit 3.0 191128167123

**Physical**

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Reel
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	18
Wire Size mm <sup>2</sup>	0.75

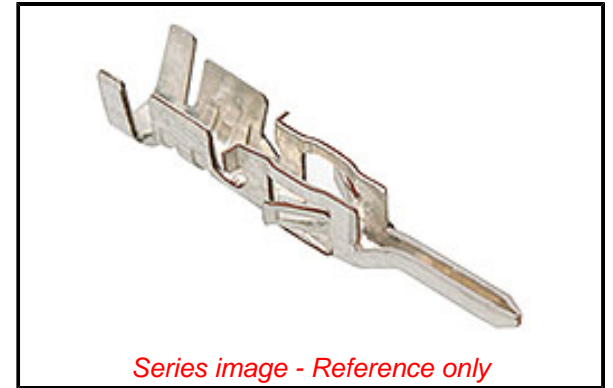
**Electrical**

Current - Maximum per Contact	8.5A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-43031-001-001
Product Specification	PS-43045-001
Sales Drawing	SD-43031-XXXX
Test Summary	430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

43031 Series

**Use With**

Micro-Fit 3.0 Plug Housings [43020](#) , [43640](#)  
<br>Micro-Fit BMI Plug Housings [44300](#) ,  
[46625](#)

**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	<a href="#">11030043</a>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG	<a href="#">638120800</a>
Hand Crimp Tool for Micro-Fit 3.0 Female	<a href="#">638280200</a>

Crimp Terminals,  
0.75mm<sup>2</sup> and  
18AWG (UL1061)  
wires  
FineAdjust Applicator [639025800](#)  
for Micro-Fit 3.0  
Crimp Terminals

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