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**Part Number:** [0430310021](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, 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-43031-001-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Comments	Part Number 430310021 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Crimp Quality Equipment Overview	Yes
Product Name	<a href="#">Micro-Fit Connector System</a>
UPC	Micro-Fit 3.0 191128166102

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.85mm max.
Wire Size AWG	18
Wire Size mm <sup>2</sup>	0.75

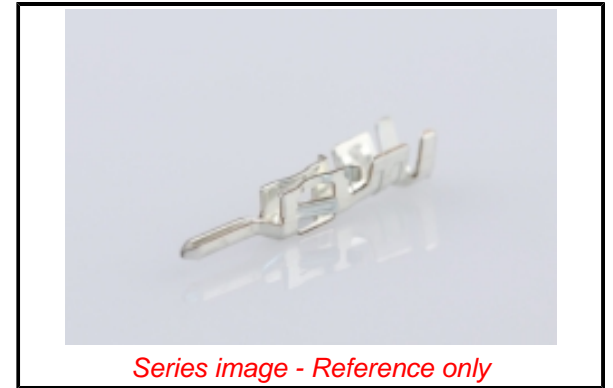
**Electrical**

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

**Reference - Drawing Numbers**

Packaging Specification	PK-43031-001-001
Product Specification	430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001
Sales Drawing	SD-43031-XXXX-001
Test Summary	430450005-TS-000, TS-43045-001-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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 #
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Extraction Tool for Micro-Fit Terminals	<a href="#">11030043</a>
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Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG	<a href="#">638120800</a>
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Hand Crimp Tool for [638280200](#)  
Micro-Fit 3.0 Female  
Crimp Terminals,  
0.75mm<sup>2</sup> and  
18AWG (UL1061)  
wires  
FineAdjust Applicator [639025800](#)  
for Micro-Fit 3.0  
and Micro-Fit  
Plus Terminals,  
for 0.75mm<sup>2</sup>  
and 18 AWG  
(UL1061) Wires with  
Insulation Diameter  
1.40-1.85mm

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