

**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="#">Product Specification TS-46235-001-001 (PDF)</a>
<a href="#">Product Specification PS-43045 (PDF)</a>	<a href="#">Packaging Specification PK-43030-003 (PDF)</a>
<a href="#">Product Specification PS-43045-001 (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>



**General**

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Micro-Fit 3.0 Connector System Product Family</a>
Packaging Alternative	<a href="#">43031-0003 (Reel)</a>
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

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-43030-003
Product Specification	PS-43045, PS-43045-001, 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/61/2018 (27 June  
2018)

**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](#)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[43031-0009](#)