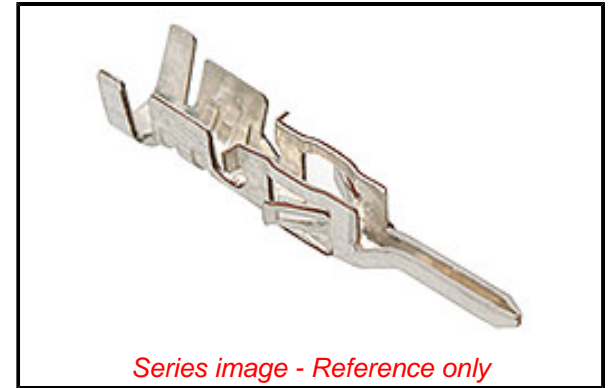


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0430310001](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, 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="#">Datasheet (PDF)</a>
<a href="#">Packaging Specification PK-43031-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Test Summary 430450005-TS-000 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Micro-Fit Connector System</a>
Packaging Alternative	<a href="#">430310007 (Loose)</a>
Product Name	Micro-Fit 3.0
UPC	800753683679

**Physical**

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	20, 22, 24
Wire Size mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	8.5A
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**Solder Process Data**

Lead-free Process Capability	N/A
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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, TS-43045-001-001

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[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	<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	<a href="#">638190000</a>

FineAdjust Applicator	<u>639004500</u>
for Insulation OD	
1.30-1.85mm, 20-24	
AWG Wire	
FineAdjust Applicator	<u>639018800</u>
for Insulation OD	
1.10-1.30mm - 20-24	
AWG	
FineAdjust Applicator	<u>639018900</u>
for Insulation OD	
0.91-1.09mm - 20-24	
AWG	
T2 Terminator	<u>639104500</u>
for Insulation OD	
1.30-1.85mm, 20-24	
AWG	
T2 Terminator	<u>639118800</u>
for insulation OD	
1.10-1.30mm - 20-24	
AWG	
T2 Terminator	<u>639118900</u>
for insulation OD	
0.91-1.09mm - 20-24	
AWG	
<b>Japan</b>	
<b>Description</b>	<b>Product #</b>
S-1 Applicator for	<u>572983700</u>
Micro-Fit 3.0 Plug	
and Receptacle	
Crimp Terminals,	
20-24 AWG	

This document was generated on 07/14/2020

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