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**Part Number:** [43031-0001](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0™ Connectors  
**Description:** Micro-Fit 3.0™ Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-43045 \(PDF\)](#) [Product Literature \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">43031</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Micro-Fit 3.0™ Connectors</a>
Packaging Alternative	<a href="#">43031-0007 (Loose)</a>
Product Literature Order No	987650-5984
Product Name	Micro-Fit 3.0™
UPC	800753683679

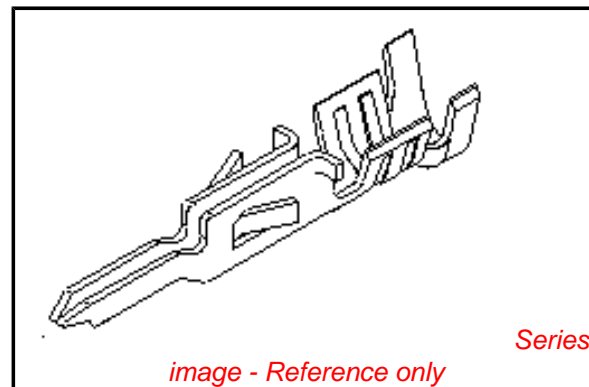
**Physical**

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 mm²	N/A

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43031-****



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[43031Series](#)

**Mates With**

[43030 Micro-Fit 3.0™ Female Crimp Terminals](#)

**Use With**

[43020](#) , [43640 Micro-Fit 3.0™ Plug Housings](#), [44300 Micro-Fit BMI™ Panel Mount Plug Housings](#)

**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 #
FineAdjust™ Applicator for Insulation OD	<a href="#">0639018900</a>

0.91-1.09mm - 20-24  
AWG  
T2 Terminator™ 0639104500  
for insulation OD  
1.30-1.85mm - 20-24  
AWG  
T2 Terminator™ 0639118800  
for insulation OD  
1.10-1.30mm - 20-24  
AWG  
T2 Terminator™ 0639118900  
for insulation OD  
0.91-1.09mm - 20-24  
AWG  
Hand Crimp Tool 0638190000  
FineAdjust™ 0639018800  
Applicator for  
Insulation OD  
1.10-1.30mm - 20-24  
AWG  
Extraction Tool 0011030043  
Insertion Tool for 0638120800  
Crimp Terminal  
FineAdjust™ 0639004500  
Applicator for  
Insulation OD  
1.30-1.85mm - 20-24  
AWG

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