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Part Number: [0430310001](#)
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 | 43031 |
| Application | Power |
| Crimp Quality Equipment | Yes |
| Overview | Micro-Fit 3.0™ Connectors |
| Packaging Alternative | 43031-0007 (Loose) |
| 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 |

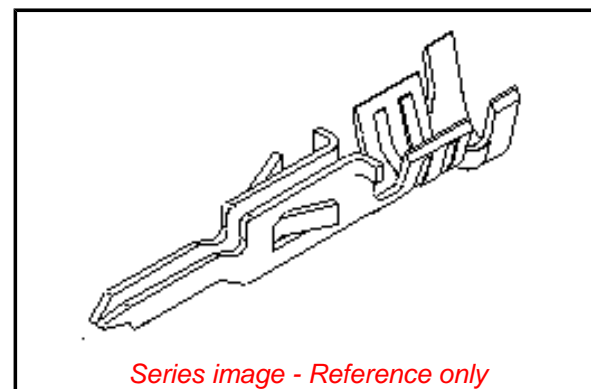
Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[43031](#) Series

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 #

Insertion Tool for
Crimp Terminal

[0638120800](#)

| | |
|---|-------------------|
| FineAdjust™ | <u>0639018800</u> |
| Applicator for Insulation OD 1.10-1.30mm - 20-24 AWG | |
| T2 Terminator™ | <u>0639104500</u> |
| for insulation OD 1.30-1.85mm - 20-24 AWG | |
| Extraction Tool | <u>0011030043</u> |
| Hand Crimp Tool | <u>0638190000</u> |
| FineAdjust™ | <u>0639004500</u> |
| Applicator for Insulation OD 1.30-1.85mm, 20-24 AWG Wire | |
| FineAdjust™ | <u>0639018900</u> |
| Applicator for Insulation OD 0.91-1.09mm - 20-24 AWG | |
| T2 Terminator™ | <u>0639118800</u> |
| for insulation OD 1.10-1.30mm - 20-24 AWG | |
| T2 Terminator™ | <u>0639118900</u> |
| for insulation OD 0.91-1.09mm - 20-24 AWG | |

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