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Part Number: [0430310023](#)
Status: **Active**
Overview: Micro-Fit Connector System
Description: Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel

Documents:

| | |
|--|--|
| Drawing (PDF) | Test Summary TS-43045-002-001 (PDF) |
| Product Specification PS-43045-001 (PDF) | Test Summary TS-46235-001-001 (PDF) |
| Packaging Specification PK-43031-001-001 (PDF) | Datasheet (PDF) |
| Test Summary TS-43045-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 43031 |
| Application | Power, Wire-to-Wire |
| Comments | Part Number 430310023 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter, Part Number 430310023 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter |
| Crimp Quality Equipment | Yes |
| Datasheet Order No | 987650-5984 |
| Overview | <u>Micro-Fit Connector System</u> |
| Product Name | Micro-Fit 3.0 |
| UPC | 191128167123 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Male |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.061/g |
| Packaging Type | Reel |
| 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 | 18 |
| Wire Size mm ² | 0.75 |

Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | PK-43031-001-001 |
| Product Specification | PS-43045-001 |
| Sales Drawing | SD-43031-XXXX |
| Test Summary | TS-43045-001-001, TS-43045-002-001, TS-46235-001-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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](#)

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 # |
|---|---------------------------|
| Extraction Tool | 11030043 |
| Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG | 638120800 |
| Hand Crimp Tool for Micro-Fit 3.0 Female | 638280200 |

Crimp Terminals,
0.75mm² and
18AWG (UL1061)
wires
FineAdjust Applicator [639025800](#)
for Micro-Fit 3.0
Crimp Terminals

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