



**Part Number :** [430310022](#)

**Product Description :** Micro-Fit 3.0 Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel

**Series Number :** 43031

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents & Resources

### Drawings

[430310022 sd.pdf](#)

[PK-43031-001-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[430450001-PS-KO-000.pdf](#)

[430450001-PS-SP-000.pdf](#)

[PS-43045-001.pdf](#)

[430450005-TS-000.pdf](#)

[430450006-TS-000.pdf](#)

[430450007-TS-000.pdf](#)

[TS-43045-001-001.pdf](#)


[TS-43045-002-001.pdf](#)

[TS-46235-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006

EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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**Part Details**

**General**

Status	Active
Category	Crimp Terminals
Series	43031
Description	Micro-Fit 3.0 Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel
Application	Power, Wire-to-Wire
Comments	Part Number 430310022 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Product Name	Micro-Fit 3.0
UPC	191128167116

## Electrical

Current - Maximum per Contact	8.5A
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## 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	0.381µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.85mm max.
Wire Size (AWG)	18
Wire Size mm <sup>2</sup>	0.75

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Plug Housings	<u><a href="#">43020</a></u>
Micro-Fit 3.0 Single Row Plug Housings	<u><a href="#">43640</a></u>
Micro-Fit BMI Dual Row Plug Housings	<u><a href="#">44300</a></u>
Micro-Fit BMI Single Row Plug Housings	<u><a href="#">46625</a></u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Micro-Fit	<u><a href="#">11030043</a></u>

Terminals	
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 30-20 AWG	<u>638120800</u>
Hand Crimp Tool for Micro-Fit 3.0 Female Crimp Terminals, 0.75mm <sup>2</sup> and 18AWG (UL1061) wires	<u>638280200</u>
FineAdjust Applicator for Micro-Fit 3.0 and Micro-Fit Plus Terminals, for 0.75mm <sup>2</sup> and 18 AWG (UL1061) Wires with Insulation Diameter 1.40-1.85mm	<u>639025800</u>

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