



**Part Number :** [430311007](#)

**Product Description :** Micro-Fit 3.0 First Mate/Last Break Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18 AWG or 0.75mm<sup>2</sup>, Reel

**Series Number :** 43031

**Status :** Active

**Product Category :** Crimp Terminals



---

## Documents and Resources

### Drawings

[430311007 sd.pdf](#)

[430311001-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[430450001-AS-000.pdf](#)

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

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


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

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

---

## 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)7771-DC (04 Feb 2026)
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

---

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	43031
Description	Micro-Fit 3.0 First Mate/Last Break Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18 AWG or 0.75mm <sup>2</sup> , Reel
Application	Wire-to-Wire
Comments	Part Number 430311007 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Product Name	Micro-Fit FMLB
UPC	198282804635

### Electrical

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

### Physical

Durability (mating cycles max)	30
--------------------------------	----

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	2.540µm
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>43020</u>
Micro-Fit 3.0 Single Row Plug Housings	<u>43640</u>