



**Part Number :** [430310001](#)

**Product Description :** Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 24-20 AWG, Reel

**Series Number :** 43031

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** [430310007](#) (Bag)



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## Documents and Resources

### Drawings

[430310001\\_sd.pdf](#)

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

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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

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

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

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


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 24-20 AWG, Reel
Application	Wire-to-Wire
Product Name	Micro-Fit 3.0
UPC	800753683679

### Electrical

Current - Maximum per Contact	7.0A
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### Physical

Durability (mating cycles max)	30
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 mm <sup>2</sup>	N/A

### Solder Process Data

Lead-Free Process Capability	N/A
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### 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 Terminals	<u><a href="#">11030043</a></u>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp	<u><a href="#">638120800</a></u>

Terminals, 30-20 AWG	
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 30-20 AWG	<u>638190000</u>
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 24-20 AWG Wire	<u>639004500</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 24-20 AWG	<u>639018800</u>
FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 24-20 AWG Wire with Insulation Diameter 0.91-1.09mm	<u>639018900</u>
T2 Terminator for Insulation OD 1.30-1.85mm, 24-20 AWG	<u>639104500</u>
T2 Terminator for Insulation OD 1.10-1.30mm - 24-20 AWG	<u>639118800</u>
T2 Terminator for Insulation OD 0.91-1.09mm - 24-20 AWG	<u>639118900</u>
FA2 Mechanical Feed Crimp Applicator for Micro-Fit 3.0 Male and Female Terminals, Double 24+24 AWG, UL 1061 Wires	<u>2130698700</u>
FA2 Mechanical Feed Crimp Applicator for Micro-Fit 3.0 Male and Female Terminals, Double 26+26 AWG, UL 1061 Wires	<u>2130698800</u>

## Japan

Description	Part Number
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 24-20 AWG	<u>572983700</u>

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This document was generated on May 27, 2026