



**Part Number :** [430310007](#)  
**Product Description :** Micro-Fit 3.0 Crimp  
Terminal, Male, with Tin (Sn) Plated Phosphor  
Bronze Contact, 24-20 AWG, Bag  
**Series Number :** 43031  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Packaging Alternative :** 430310001 (Reel)



Documents & Resources

Drawings


[430310007\\_sd.pdf](#)  
[PK-43030-003-001.pdf](#)

Specifications

[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](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)  
- Eu RoHS

- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

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## 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, Bag
Application	Power, Wire-to-Wire
Product Name	Micro-Fit 3.0
UPC	800754369527

### Electrical

Current - Maximum per Contact	8.5A
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### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Bag
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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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>
Micro-Fit BMI Dual Row Plug Housings	<u>44300</u>
Micro-Fit BMI Single Row Plug Housings	<u>46625</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 30-20 AWG	<u>638120800</u>
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 30-20 AWG	<u>638190000</u>