



Part Number : [430310021](#)
Product Description : Micro-Fit 3.0 Crimp Terminal,
Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18
AWG, .073in / 1.85mm Max Insulation Outside
Diameter, Reel
Series Number : 43031
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

- [430310021 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](#)
- [430450007-TS-000.pdf](#)
- [TS-43045-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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
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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, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel
Application	Power, Wire-to-Wire
Comments	Part Number 430310021 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Product Name	Micro-Fit 3.0
UPC	191128166102

Electrical

Current - Maximum per Contact	8.5A
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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	0.094/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)	18
Wire Size mm ²	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>
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>

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