



Part Number : [430311001](#)

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

Series Number : 43031

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[430311001_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, 24-20 AWG, Reel
Application	Wire-to-Wire
Product Name	Micro-Fit FMLB
UPC	198282802051

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	0.100/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)	20, 22, 24
Wire Size mm ²	N/A

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>

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</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>
Hand Crimp Tool for Micro-Fit 3.0 Male Crimp Terminals, FMLB, 24-20 AWG, UL 1007 Wires	<u>2238635200</u>

