



**Part Number :** [430315004](#)

**Product Description :** Micro-Fit TPA Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Reel

**Series Number :** 43031

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents & Resources

### Drawings

[430315004 sd.pdf](#)

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

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[436500001-PS-JA-000.pdf](#)

[436500001-PS-KO-000.pdf](#)

[436500001-PS-SP-000.pdf](#)

[PS-43650-001.pdf](#)

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

[430450006-TS-000.pdf](#)

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


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

[TS-46235-001-001.pdf](#)

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## 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(2024)7663-DC (21 Jan 2025)
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 TPA Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Reel
Application	Power, Wire-to-Wire
Product Name	Micro-Fit TPA
UPC	889056917186

### Electrical

Current - Maximum per Contact	8.5A
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### Physical

Durability (mating cycles max)	30
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Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Reel
Plating min - Mating	0.380µm
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 <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Micro-Fit TPA Single Row Plug Housings	<u>200875</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Hand Crimp Tool for Micro-Fit Crimp Terminals, 20 AWG, UL1007 and UL1061 Wires	<u>2133094500</u>
Hand Crimp Tool for Micro-Fit Crimp Terminals, 22 AWG, UL1007 and UL1061 Wires	<u>2133094600</u>
Hand Crimp Tool for Micro-Fit+ Crimp Terminals, 24 AWG, UL 1007 and UL 1061 Wires	<u>2133094700</u>
Insertion Tool for Micro-Fit 3.0 and	<u>638120800</u>

CRC Male and Female Crimp Terminals, 30-20 AWG	
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 24-20 AWG Wire	<u>639004500</u>