



Part Number : [430310001](#)

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

Series Number : 43031

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : 0430310007 (Bag)



Documents & Resources

Drawings

[Drawing 430310001_sd.pdf](#)

[Packaging Design Drawing PK-43031-001-001.pdf](#)

Specifications

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

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

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

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS | |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| 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

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, 20-24 AWG, Reel |
| Application | Power, Wire-to-Wire |
| Product Family | Micro-Fit Connector System |
| Product Name | Micro-Fit 3.0 |
| UPC | 800753683679 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

Physical

| | |
|--------------------------------|----------------------|
| 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 ² | N/A |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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>0011030043</u> |
| Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG | <u>0638120800</u> |
| PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 20-30 AWG | <u>0638190000</u> |
| FineAdjust Applicator for Insulation OD 1.30-1.85mm, 20-24 AWG Wire | <u>0639004500</u> |
| FineAdjust Applicator for Insulation OD 1.10-1.30mm - 20-24 AWG | <u>0639018800</u> |
| FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 0.91-1.09mm | <u>0639018900</u> |
| T2 Terminator for Insulation OD 1.30-1.85mm, 20-24 AWG | <u>0639104500</u> |
| T2 Terminator for Insulation OD 1.10-1.30mm - 20-24 AWG | <u>0639118800</u> |

| | |
|--|-------------------|
| T2 Terminator for Insulation OD 0.91-1.09mm - 20-24 AWG | <u>0639118900</u> |
|--|-------------------|

Application Tooling

Japan

| Description | Part Number |
|---|-------------------|
| S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG | <u>0572983700</u> |

This document was generated on Oct 09, 2023