Part Number : 430310023

Product Description : Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) 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

Drawing 430310023_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 430450006-TS-000.pdf

Test Summary TS-43045-001-001.pdf

Test Summary TS-43045-002-001.pdf

Test Summary TS-46235-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 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

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 43031 |
| Description | Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel |
| Application | Power, Wire-to-Wire |
| Comments | Part Number 430310023 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter |
| Product Family | Micro-Fit Connector System |
| Product Name | Micro-Fit 3.0 |
| UPC | 191128167123 |

### Electrical

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

### Physical

| | |
|---|---|
| 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 | 0.762µm |

| | |
|---|---|
| Plating min - Termination | 2.540µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 1.85mm  max. |
| Wire Size (AWG) | 18 |
| Wire Size $mm^2$ | 0.75 |

## Use with Part(s)

| Description | Part Number |
|---|---|
| Micro-Fit 3.0 Dual Row Plug Housings | 43020 |
| Micro-Fit 3.0 Single Row Plug Housings | 43640 |
| Micro-Fit BMI Dual Row Plug Housings | 44300 |
| Micro-Fit BMI Single Row Plug Housings | 46625 |

## Application Tooling

### Global

| Description | Part Number |
|---|---|
| Extraction Tool for Micro-Fit Terminals | 11030043 |
| Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG | 638120800 |
| Hand Crimp Tool for Micro-Fit 3.0 Female Crimp Terminals, 0.75$mm^2$ and 18AWG (UL1061) wires | 638280200 |
| FineAdjust Applicator for Micro-Fit 3.0 and Micro-Fit Plus Terminals, for  0.75$mm^2$ and 18 AWG (UL1061) Wires with Insulation Diameter 1.40-1.85mm | 639025800 |