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**Part Number:** **0430310007**

**Status:** **Active**

**Overview:** Micro-Fit Connector System

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

### Documents:

Drawing (PDF)
Product Specification 430450001-PS-KO-000 (PDF)
Product Specification 430450001-PS-SP-000 (PDF)
Product Specification PS-43045-001 (PDF)
Packaging Specification PK-43030-003-001 (PDF)

Test Summary 430450005-TS-000 (PDF)
Test Summary TS-43045-001-001 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)


*Series image - Reference only*

### General

| | |
|---|---|
| Product Family | Crimp Terminals |
| Series | 43031 |
| Application | Power, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Micro-Fit Connector System |
| Packaging Alternative | 430310001 (Reel) |
| Product Name | Micro-Fit 3.0 |
| UPC | 800754369527 |

### Physical

| | |
|---|---|
| Gender | Male |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.061/g |
| Packaging Type | Bag |
| 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 mm² | N/A |

### Electrical

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

### Solder Process Data

| | |
|---|---|
| Lead-freeProcess Capability | N/A |

### Material Info

### Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | PK-43030-003-001 |
| Product Specification | 430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001 |
| Sales Drawing | SD-43031-XXXX-001 |
| Test Summary | 430450005-TS-000, TS-43045-001-001 |

## EU ELV
**Not Relevant**

## EU RoHS          China RoHS
**Compliant**
**REACH SVHC**
Not Contained Per - D(2022)4187-DC (10 June 2022)
**Halogen-Free Status**
**Low-Halogen**
For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

### Search Parts in this Series
43031 Series

### Use With
Micro-Fit 3.0 Plug Housings 43020 , 43640
<br>Micro-Fit BMI Plug Housings 44300 , 46625

### Application Tooling   | FAQ
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*
**Global**

| Description | Product # |
|---|---|
| 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 |

PremiumGrade Hand 638190000
Crimp Tool for Micro-
Fit 3.0 Terminals,
20-30 AWG