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Part Number: **0430310006**
Status: **Active**
Overview: Micro-Fit Connector System
Description: Micro-Fit 3.0 Crimp Terminal, Male, with 0.76µm Select Gold (Au) Plated Phosphor Bronze Contact, 26-30 AWG, Reel

Documents:

| | |
|---|--|
| Drawing (PDF) | Test Summary 430450006-TS-000 (PDF) |
| Product Specification 430450001-PS-KO-000 (PDF) | Test Summary TS-43045-001-001 (PDF) |
| Product Specification 430450001-PS-SP-000 (PDF) | Test Summary TS-43045-002-001 (PDF) |
| Product Specification PS-43045-001 (PDF) | Test Summary TS-46235-001-001 (PDF) |
| Packaging Specification PK-43031-001-001 (PDF) | Datasheet (PDF) |
| Test Summary 430450005-TS-000 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|-------------------------|-----------------------------------|
| Product Family | Crimp Terminals |
| Series | 43031 |
| Application | Power, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | <u>Micro-Fit Connector System</u> |
| Packaging Alternative | 430310012 (Loose) |
| Product Name | Micro-Fit 3.0 |
| UPC | 800754369503 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Male |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 0.093/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.27mm max. |
| Wire Size AWG | 26, 28, 30 |
| Wire Size mm ² | 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-43031-001-001 |
| Product Specification | 430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001 |
| Sales Drawing | SD-43031-XXXX-001 |
| Test Summary | 430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

43031 Series

Use With

Micro-Fit 3.0 Plug Housings [43020](#) , [43640](#)

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 Hand638190000
Crimp Tool for Micro-
Fit 3.0 Terminals,
20-30 AWG
FineAdjust Applicator639004400
for Insulation OD
1.12-1.27mm, 26-30
AWG Wire
FineAdjust Applicator639046600
for Micro-Fit 3.0
Crimp Terminals,
Insulation OD
0.63-1.10mm 26-30
AWG
T2 Terminator 639104400
for Insulation OD
1.12-1.27mm, 26-30
AWG

Japan

| Description | Product # |
|---|------------------|
| S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 26-30 AWG | <u>572983710</u> |

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