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Part Number: **0430310023**
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, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, 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
Comments	Part Number 430310023 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Crimp Quality Equipment Overview	Yes
Product Name	<u>Micro-Fit Connector System</u>
UPC	Micro-Fit 3.0 191128167123

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

Electrical

Current - Maximum per Contact	8.5A
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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
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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 [11030043](#)

Micro-Fit Terminals

Insertion Tool for [638120800](#)

Micro-Fit 3.0 and

CRC Male and

Female Crimp

Terminals, 20-30

AWG

Hand Crimp Tool for [638280200](#)
Micro-Fit 3.0 Female
Crimp Terminals,
0.75mm² and
18AWG (UL1061)
wires
FineAdjust Applicator [639025800](#)
for Micro-Fit 3.0
and Micro-Fit
Plus Terminals,
for 0.75mm²
and 18 AWG
(UL1061) Wires with
Insulation Diameter
1.40-1.85mm

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