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Part Number: [0430310022](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit 3.0 Crimp Terminal, Male, with 0.38µm Select Gold (Au) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, Reel

Documents:

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

General

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Comments	Part Number 430310022 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter
Crimp Quality Equipment Overview	Yes
Product Name	Micro-Fit Connector System
UPC	Micro-Fit 3.0 191128167116

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	0.381µm
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

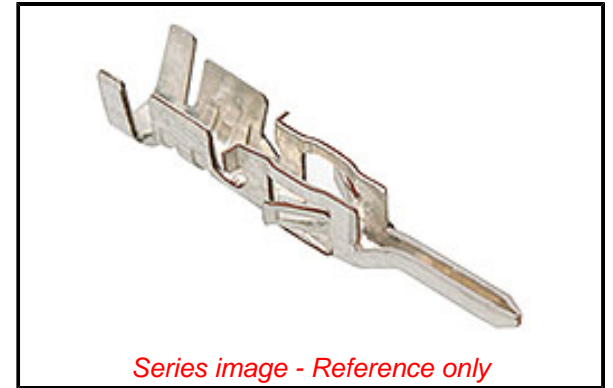
Electrical

Current - Maximum per Contact	8.5A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43031-001-001
Product Specification	PS-43045-001
Sales Drawing	SD-43031-XXXX
Test Summary	430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001, TS-46235-001-001



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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	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	638280200

Crimp Terminals,
0.75mm² and
18AWG (UL1061)
wires
FineAdjust Applicator [639025800](#)
for Micro-Fit 3.0
Crimp Terminals

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