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Part Number: **0430310001**
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, Reel

Documents:

Drawing (PDF)	Test Summary 430450005-TS-000 (PDF)
Product Specification 430450001-PS-KO-000 (PDF)	Test Summary TS-43045-001-001 (PDF)
Product Specification 430450001-PS-SP-000 (PDF)	Datasheet (PDF)
Product Specification PS-43045-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-43031-001-001 (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	430310007 (Loose)
Product Name	Micro-Fit 3.0
UPC	800753683679

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Reel
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 mm ²	N/A

Electrical

Current - Maximum per Contact	8.5A
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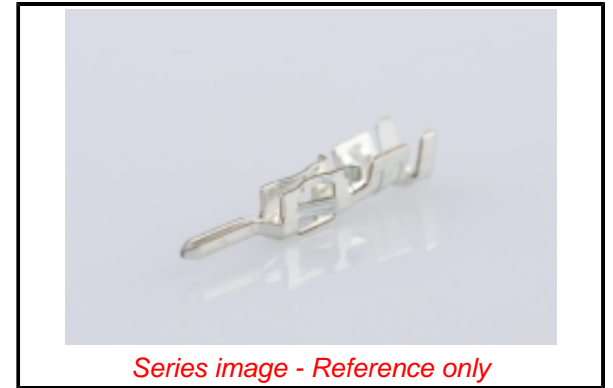
Solder Process Data

Lead-freeProcess Capability	N/A
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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, TS-43045-001-001



Series image - Reference only

EU ELV

Compliant

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

Compliant

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

PremiumGrade Hand638190000
Crimp Tool for Micro-
Fit 3.0 Terminals,
20-30 AWG
FineAdjust Applicator639004500
for Insulation OD
1.30-1.85mm, 20-24
AWG Wire
FineAdjust Applicator639018800
for Insulation OD
1.10-1.30mm - 20-24
AWG
FineAdjust Applicator639018900
for Micro-Fit 3.0
Terminals, for 20-24
AWG Wire with
Insulation Diameter
0.91-1.09mm
T2 Terminator 639104500
for Insulation OD
1.30-1.85mm, 20-24
AWG
T2 Terminator 639118800
for insulation OD
1.10-1.30mm - 20-24
AWG
T2 Terminator 639118900
for insulation OD
0.91-1.09mm - 20-24
AWG

Japan

Description	Product #
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	<u>572983700</u>

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[43031-0001 \(Cut Strip\)](#) [43031-0001 \(Mouser Reel\)](#)