

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0430310003

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, 20-24 AWG, Reel

- 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-43031-001-001 (PDF)

Test Summary 430450005-TS-000 (PDF)

Test Summary 430450006-TS-000 (PDF)

Test Summary TS-43045-001-001 (PDF)

Test Summary TS-43045-002-001 (PDF)

Test Summary TS-46235-001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

43031

Power, Wire-to-Wire

Yes

Micro-Fit Connector System

430310009 (Loose)

Micro-Fit 3.0

800754369435

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Male

Phosphor Bronze

Gold

Tin

0.060/g

Reel

0.762µm

2.540µm

Crimp or Compression

1.85mm max.

20, 22, 24

N/A

Electrical

Current - Maximum per Contact

8.5A

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

PK-43031-001-001

430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001

Sales Drawing

Test Summary

SD-43031-XXXX-001

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

China RoHS

Green Image

Not Relevant

Not Contained

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

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 Hand	<u>638190000</u>
Crimp Tool for Micro-Fit 3.0 Terminals, 20-30 AWG	
FineAdjust Applicator	<u>639004500</u>
for Insulation OD 1.30-1.85mm, 20-24 AWG Wire	
FineAdjust Applicator	<u>639018800</u>
for Insulation OD 1.10-1.30mm - 20-24 AWG	
FineAdjust Applicator	<u>639018900</u>
for Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 0.91-1.09mm	
T2 Terminator	<u>639104500</u>
for Insulation OD 1.30-1.85mm, 20-24 AWG	
T2 Terminator	<u>639118800</u>
for insulation OD 1.10-1.30mm - 20-24 AWG	
T2 Terminator	<u>639118900</u>
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>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[43031-0003](#)