

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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)

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 TS-43045-001-001 (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

430310007 (Loose)

Micro-Fit 3.0

800753683679

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

Tin

Tin

0.061/g

Reel

1.016µm

1.016µm

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

Sales Drawing

Test Summary

PK-43031-001-001

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

SD-43031-XXXX-001

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
Micro-Fit Terminals
Insertion Tool for
Micro-Fit 3.0 and
CRC Male and
Female Crimp
Terminals, 20-30
AWG

[11030043](#)
[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>