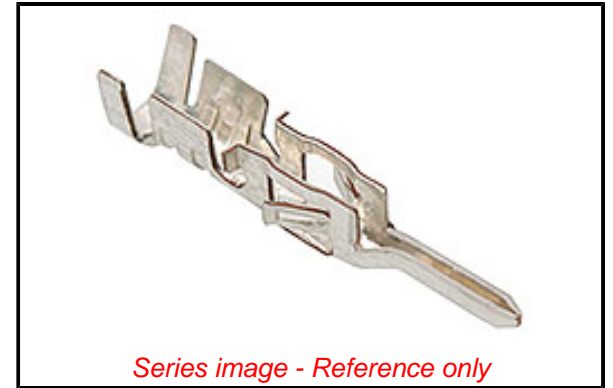


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



General

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Micro-Fit Connector System
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
-------------------------------	------

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

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, TS-43045-001-001

EU ELV

Compliant

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

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	11030043
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG	638120800
Hand Crimp Tool	638190000

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 Insulation OD	
0.91-1.09mm - 20-24	
AWG	
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	<u>572983700</u>
Micro-Fit 3.0 Plug	
and Receptacle	
Crimp Terminals,	
20-24 AWG	

This document was generated on 02/24/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION