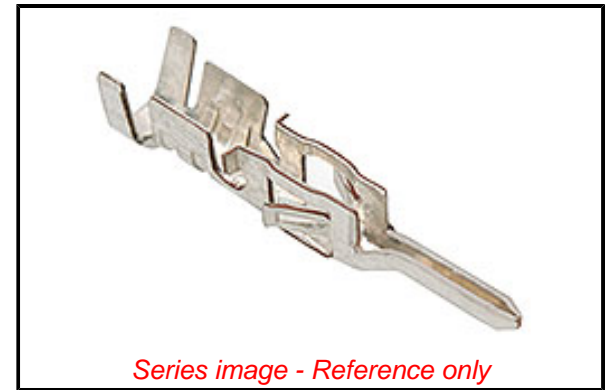


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0430310004**
Status: **Active**
Overview: Micro-Fit Connector System
Description: Micro-Fit 3.0 Crimp Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 26-30 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	<u>Micro-Fit Connector System</u>
Packaging Alternative	430310010 (Loose)
Product Name	Micro-Fit 3.0
UPC	800754369459

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	1.27mm max.
Wire Size AWG	26, 28, 30
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

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	638120800
--------------------	---------------------------

Micro-Fit 3.0 and	
-------------------	--

CRC Male and	
--------------	--

Female Crimp	
--------------	--

Terminals, 20-30	
------------------	--

AWG	
-----	--

Hand Crimp Tool	638190000
-----------------	---------------------------

FineAdjust Applicator 639001600
for Insulation OD
0.63-1.10mm, 26-30
AWG
FineAdjust Applicator 639004400
for Insulation OD

1.12-1.27mm, 26-30

AWG Wire

T2 Terminator 639104400

for Insulation OD

1.12-1.27mm, 26-30

AWG

Japan

Description **Product #**

S-1 Applicator for 572983710

Micro-Fit 3.0 Plug

and Receptacle

Crimp Terminals,

26-30 AWG

This document was generated on 02/24/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION