

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 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	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
-------------------------------	------

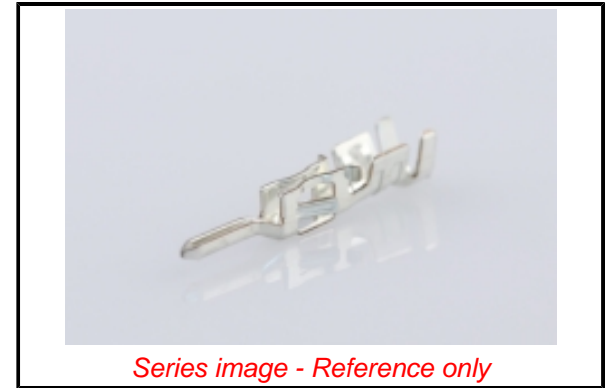
Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

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 Applicator639004400
for Insulation OD
1.12-1.27mm, 26-30
AWG Wire
FineAdjust Applicator639046600
for Micro-Fit 3.0
Crimp Terminals,
Insulation OD
0.63-1.10mm 26-30
AWG
T2 Terminator 639104400
for Insulation OD
1.12-1.27mm, 26-30
AWG

Japan

Description	Product #
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 26-30 AWG	<u>572983710</u>

This document was generated on 11/12/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)