

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0430315006](#)
Status: **Active**
Overview:
Description: Micro-Fit TPA Crimp Terminal, Male, with 2.54µm Matte Tin Plated Phosphor Bronze Contact, 20-24 AWG, Reel

General

Product Family	Crimp Terminals
Series	43031
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	microfit_30
Product Name	Micro-Fit TPA
UPC	889056917209

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.061/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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
-------------------------------	------

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43031-001-001
Product Specification	436500001-PS-JA-000, 436500001-PS-KO-000, 436500001-PS-SP-000, PS-43650-001
Sales Drawing	430310000-SD-000
Test Summary	430450005-TS-000, TS-43045-001-001

EU ELV

Not Relevant

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

Not Relevant

Not Contained

Search Parts in this Series

[43031](#) Series

Use With

[Micro-Fit TPA Plug Housing 200875](#)

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
Hand Crimp Tool for Micro-Fit+ Female and Micro-Fit TPA Male Crimp Terminals, 20 AWG, UL1007 and UL1061 Wires	2002185500
Hand Crimp Tool for Micro-Fit+ Female and Micro-Fit TPA Male Crimp Terminals, 22 AWG, UL1007 and UL1061 Wires	2002185600
Hand Crimp Tool for Micro-Fit+ Female and Micro-Fit TPA Male Crimp Terminals, 24 AWG, UL1007 and UL1061 Wires	2002185900

Insertion Tool for 638120800
Micro-Fit 3.0 and
CRC Male and
Female Crimp
Terminals, 20-30
AWG
FineAdjust Applicator639004500
for Insulation OD
1.30-1.85mm, 20-24
AWG Wire

This document was generated on 08/25/2021

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](#)