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Part Number: [0430310002](#)
Status: **Active**
Overview: Micro-Fit 3.0™ Connectors
Description: Micro-Fit 3.0™ Crimp Terminal, Male, with Gold (Au) Plated Tin/Brass Alloy Contact, 20-24 AWG, Reel

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-43045 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Test Summary TS-43045-002 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	43031
Application	Power
Crimp Quality Equipment	Yes
Overview	Micro-Fit 3.0™ Connectors
Packaging Alternative	43031-0008 (Loose)
Product Literature Order No	987650-5984
Product Name	Micro-Fit 3.0™
UPC	800754369411

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.061/g
Packaging Type	Reel
Plating min - Mating	0.381µm
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 mm²	N/A

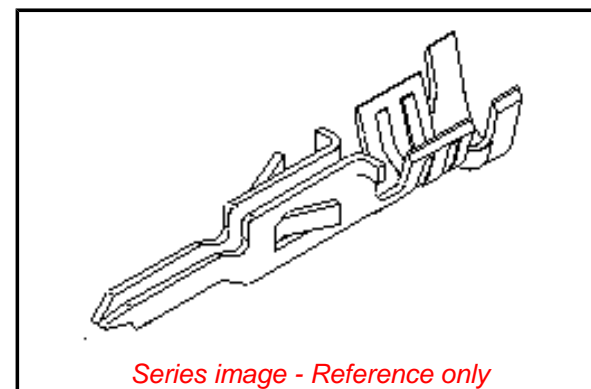
Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43031-****
Test Summary	TS-43045-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[43031](#) Series

Mates With

[43030](#) Micro-Fit 3.0™ Female Crimp Terminals

Use With

[43020](#) , [43640](#) Micro-Fit 3.0™ Plug Housings, [44300](#) Micro-Fit BMI™ Panel Mount Plug Housings

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 #

Insertion Tool for Crimp Terminal

[0638120800](#)

Extraction Tool	<u>0011030043</u>
T2 Terminator™	<u>0639118900</u>
for insulation OD	
0.91-1.09mm - 20-24	
AWG	
T2 Terminator™	<u>0639118800</u>
for insulation OD	
1.10-1.30mm - 20-24	
AWG	
Hand Crimp Tool	<u>0638190000</u>
T2 Terminator™	<u>0639104500</u>
for insulation OD	
1.30-1.85mm - 20-24	
AWG	
FineAdjust™	<u>0639004500</u>
Applicator for	
Insulation OD	
1.30-1.85mm, 20-24	
AWG Wire	
FineAdjust™	<u>0639018800</u>
Applicator for	
Insulation OD	
1.10-1.30mm - 20-24	
AWG	
FineAdjust™	<u>0639018900</u>
Applicator for	
Insulation OD	
0.91-1.09mm - 20-24	
AWG	

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