

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0430300001

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Crimp Terminal, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Reel



Series image - Reference only

Documents:

- Drawing (PDF)

Product Specification 430450001-PS-KO-000 (PDF)

Product Specification 430450001-PS-SP-000 (PDF)

Product Specification PS-43045-001 (PDF)

Packaging Specification PK-43030-001-001 (PDF)
- Test Summary 430450005-TS-000 (PDF)

Test Summary TS-43045-001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

43030

Power, Wire-to-Board, Wire-to-Wire

Yes

Micro-Fit Connector System

430300007 (Loose)

Micro-Fit 3.0

800753576742

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Phosphor Bronze

Tin

Tin

0.061/g

Reel

1.016µm

1.016µm

Crimp or Compression

1.85mm max.

20, 22, 24

N/A

Electrical

Current - Maximum per Contact

8.5A

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-43030-001-001

430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001

SD-43030-XXXX-001

430450005-TS-000, TS-43045-001-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 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

43030 Series

Use With

Micro-Fit 3.0 Receptacle Housings [43025](#)
, [43645](#)
Micro-Fit BMI Panel Mount
Receptacle Housings [44133](#) , [46623](#)

Micro-Fit TPA Receptacle Housing
[171850](#) , [172952](#)

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
Insertion Tool for
Micro-Fit 3.0 and
CRC Male and
Female Crimp

[11030043](#)

[638120800](#)

Terminals, 20-30	
AWG	
PremiumGrade Hand	<u>638190000</u>
Crimp Tool for Micro-	
Fit 3.0 Terminals,	
20-30 AWG	
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 Micro-Fit 3.0	
Terminals, for 20-24	
AWG Wire with	
Insulation Diameter	
0.91-1.09mm	
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 #
Applicator for M211A	<u>572983000</u>
Bench Press, 20-30	
AWG Wire	
S-1 Applicator for	<u>572983700</u>
Micro-Fit 3.0 Plug	
and Receptacle	
Crimp Terminals,	
20-24 AWG	