

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

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-43030-001-001 (PDF) | |

General

| | |
|-------------------------|------------------------------------|
| Product Family | Crimp Terminals |
| Series | 43030 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | <u>Micro-Fit Connector System</u> |
| Packaging Alternative | 430300007 (Loose) |
| Product Name | Micro-Fit 3.0 |
| UPC | 800753576742 |

Physical

| | |
|--------------------------------|----------------------|
| Gender | Female |
| 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 | 1.85mm max. |
| Wire Size AWG | 20, 22, 24 |
| 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-43030-001-001 |
| Product Specification | 430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001 |
| Sales Drawing | SD-43030-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

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 | 11030043 |
| Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp | 638120800 |

Terminals, 20-30
 AWG
 PremiumGrade Hand638190000
 Crimp Tool for Micro-
 Fit 3.0 Terminals,
 20-30 AWG
 FineAdjust Applicator639004500
 for Insulation OD
 1.30-1.85mm, 20-24
 AWG Wire
 FineAdjust Applicator639018800
 for Insulation OD
 1.10-1.30mm - 20-24
 AWG
 FineAdjust Applicator639018900
 for Micro-Fit 3.0
 Terminals, for 20-24
 AWG Wire with
 Insulation Diameter
 0.91-1.09mm
 T2 Terminator 639104500
 for Insulation OD
 1.30-1.85mm, 20-24
 AWG
 T2 Terminator 639118800
 for insulation OD
 1.10-1.30mm - 20-24
 AWG
 T2 Terminator 639118900
 for insulation OD
 0.91-1.09mm - 20-24
 AWG

Japan

| Description | Product # |
|---|------------------|
| Applicator for M211A Bench Press, 20-30 AWG Wire | <u>572983000</u> |
| S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG | <u>572983700</u> |

This document was generated on 09/02/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION