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Part Number: **0430300038**
Status: **Active**
Overview: Micro-Fit Connector System
Description: Micro-Fit 3.0 Crimp Terminal, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 18 AWG, .073in / 1.85mm Max Insulation Outside Diameter, 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 |
| Comments | Part Number 430300038 is Designed for 18 AWG 1061 Style Wire or a .073/1.85 Maximum Insulation Outside Diameter |
| Crimp Quality Equipment Overview | Yes |
| Product Name | <u>Micro-Fit Connector System</u> |
| UPC | Micro-Fit 3.0 889056413237 |

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 | 18 |
| Wire Size mm ² | 0.75 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process 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](#)

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 Terminals, 20-30 AWG | 638120800 |
|---|---------------------------|

Hand Crimp Tool for [638280200](#)
Micro-Fit 3.0 Female
Crimp Terminals,
0.75mm² and
18AWG (UL1061)
wires

FineAdjust Applicator [639025800](#)
for Micro-Fit 3.0
and Micro-Fit
Plus Terminals,
for 0.75mm²
and 18 AWG
(UL1061) Wires with
Insulation Diameter
1.40-1.85mm

Japan

| Description | Product # |
|--------------------|------------------|
|--------------------|------------------|

| | |
|--|---------------------------|
| S-1 Applicator for Micro-Fit 3.0 Crimp Terminals, 18 AWG, UL1061 Wire | 572983720 |
|--|---------------------------|

This document was generated on 08/18/2021

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