

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0430300002

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Crimp Terminal, Female, with Select Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Reel

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 430450006-TS-000 (PDF)

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

Test Summary TS-43045-002-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

Taxonomy

UPC

Crimp Terminals

43030

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

Yes

Micro-Fit Connector System

430300008 (Loose)

Micro-Fit 3.0

Crimp Terminals

800753683662

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

Gold

Tin

97.000/mg

Reel

0.381µm

2.540µm

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

PK-43030-001-001

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

Sales Drawing

Test Summary

SD-43030-XXXX-001

430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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 #
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	572983700