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Part Number: **043030002**
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)	Test Summary 430450006-TS-000 (PDF)
Product Specification 430450001-PS-KO-000 (PDF)	Test Summary TS-43045-001-001 (PDF)
Product Specification 430450001-PS-SP-000 (PDF)	Test Summary TS-43045-002-001 (PDF)
Product Specification PS-43045-001 (PDF)	Datasheet (PDF)
Packaging Specification PK-43030-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Test Summary 430450005-TS-000 (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	430300008 (Loose)
Product Name	Micro-Fit 3.0
UPC	800753683662

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.062/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 mm ²	N/A

Electrical

Current - Maximum per Contact	8.5A
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Solder Process Data

Lead-freeProcess Capability	N/A
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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, 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(2020)9139-DC (19
January 20

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>

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[43030-0002](#) [43030-0002 \(Cut Strip\)](#) [43030-0002 \(Mouser Reel\)](#)