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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 TS-43045-001-001 (PDF)
Product Specification PS-43045 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-43030-001-001 (PDF)	Product Literature (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 Literature Order No	987650-5984
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
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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	PS-43045
Sales Drawing	SD-43030-XXXX-001
Test Summary	TS-43045-001-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

43025 , 43645 Micro-Fit 3.0 Receptacle Housings, 44133 Micro-Fit BMI Panel Mount Receptacle Housings

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 #
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Extraction Tool	11030043
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Insertion Tool for	638120800
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Micro-Fit 3.0 and	
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CRC Male and	
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Female Crimp	
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Terminals, 20-30	
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AWG	
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Hand Crimp Tool	638190000
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FineAdjust Applicator [639004500](#)
 for Insulation OD
 1.30-1.85mm, 20-24
 AWG Wire
 FineAdjust Applicator [639018800](#)
 for Insulation OD
 1.10-1.30mm - 20-24
 AWG
 FineAdjust Applicator [639018900](#)
 for Insulation OD
 0.91-1.09mm - 20-24
 AWG
 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 M21 1A Bench Press, 20-30 AWG Wire	572983000
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	572983700

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[43030-0001](#) [43030-0001 \(Mouser Reel\)](#) [43030-0001 \(Cut Strip\)](#)