



Part Number : [430300001](#)
Product Description : Micro-Fit 3.0 Crimp
Terminal, Female, with Tin (Sn) Plated
Phosphor Bronze Contact, 24-20 AWG, Reel
Series Number : 43030
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [430300007 \(Bag\)](#)



Documents & Resources

Drawings


[430300001_sd.pdf](#)
[PK-43030-001-001.pdf](#)

Specifications

[430450001-PS-KO-000.pdf](#)
[430450001-PS-SP-000.pdf](#)
[PS-43045-001.pdf](#)
[430450005-TS-000.pdf](#)
[430450007-TS-000.pdf](#)
[TS-43045-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)
- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	43030
Description	Micro-Fit 3.0 Crimp Terminal, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 24-20 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Micro-Fit 3.0
UPC	800753576742

Electrical

Current - Maximum per Contact	8.5A
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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

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Receptacle Housings	<u>43025</u>
Micro-Fit 3.0 Single Row Receptacle Housings	<u>43645</u>
Micro-Fit BMI Dual Row Receptacle Housings	<u>44133</u>
Micro-Fit BMI Single Row Receptacle Housings	<u>46623</u>
Micro-Fit TPA Single Row Receptacle Housings	<u>171850</u>
Micro-Fit TPA Receptacle Housings	<u>172952</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 30-20 AWG	<u>638120800</u>
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 30-20 AWG	<u>638190000</u>
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 24-20 AWG Wire	<u>639004500</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 24-20 AWG	<u>639018800</u>
FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 24-20 AWG Wire with Insulation Diameter 0.91-1.09mm	<u>639018900</u>
T2 Terminator for Insulation OD 1.30-1.85mm, 24-20 AWG	<u>639104500</u>

T2 Terminator for Insulation OD 1.10-1.30mm - 24-20 AWG	<u>639118800</u>
T2 Terminator for Insulation OD 0.91-1.09mm - 24-20 AWG	<u>639118900</u>

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 24-20 AWG	<u>572983700</u>

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