



**Part Number :** [430300001](#)

**Product Description :** Micro-Fit 3.0 Crimp Terminal, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 20-24 AWG, Reel

**Series Number :** 43030

**Status :** Active

**Product Category :** Crimp Terminals

**Packaging Alternative :** 0430300007 (Bag)



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## Documents & Resources

### Drawings

[Drawing 430300001\\_sd.pdf](#)

[Packaging Design Drawing PK-43030-001-001.pdf](#)

### Specifications

[Product Specification 430450001-PS-KO-000.pdf](#)

[Product Specification 430450001-PS-SP-000.pdf](#)

[Product Specification PS-43045-001.pdf](#)


[Test Summary 430450005-TS-000.pdf](#)

[Test Summary TS-43045-001-001.pdf](#)

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## 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(2023)3788-DC (14 Jun 2023)
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

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## 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, 20-24 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Micro-Fit Connector System
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 <sup>2</sup>	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>0011030043</u>
Insertion Tool for Micro-Fit 3.0 and CRC Male and Female Crimp Terminals, 20-30 AWG	<u>0638120800</u>
PremiumGrade Hand Crimp Tool for Micro-Fit 3.0 Terminals, 20-30 AWG	<u>0638190000</u>
FineAdjust Applicator for Insulation OD 1.30-1.85mm, 20-24 AWG Wire	<u>0639004500</u>
FineAdjust Applicator for Insulation OD 1.10-1.30mm - 20-24 AWG	<u>0639018800</u>
FineAdjust Applicator for Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 0.91-1.09mm	<u>0639018900</u>

T2 Terminator for Insulation OD 1.30-1.85mm, 20-24 AWG	<u>0639104500</u>
T2 Terminator for Insulation OD 1.10-1.30mm - 20-24 AWG	<u>0639118800</u>
T2 Terminator for Insulation OD 0.91-1.09mm - 20-24 AWG	<u>0639118900</u>

## Application Tooling

### Japan

Description	Part Number
S-1 Applicator for Micro-Fit 3.0 Plug and Receptacle Crimp Terminals, 20-24 AWG	<u>0572983700</u>

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