



Part Number : [430300002](#)

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

Series Number : 43030

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [430300008 \(Bag\)](#)



Documents & Resources

Drawings

[430300002_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](#)

[430450006-TS-000.pdf](#)


[430450007-TS-000.pdf](#)

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

[TS-43045-002-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS | Compliant with Exemption 44; 33; 34 |
| 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 Select Gold (Au) Plated Phosphor Bronze Contact, 24-20 AWG, Reel |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Product Name | Micro-Fit 3.0 |
| UPC | 800753683662 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

Physical

| | |
|--------------------------------|-----------------|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 97.000/mg |
| 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 |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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> |

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|------------------------------------------------------------------------------------------------------------|------------------|
| 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> |