



**Part Number :** [430300002](#)  
**Product Description :** Micro-Fit 3.0 Crimp Terminal, Female, with Select Gold (Au) Plated Phosphor Bronze Contact, 20-24 AWG, Reel  
**Series Number :** 43030  
**Status :** Active  
**Product Category :** Crimp Terminals  
**Packaging Alternative :** 0430300008 (Bag)



Documents & Resources

Drawings

[Drawing 430300002\\_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 430450006-TS-000.pdf](#)  
[Test Summary TS-43045-001-001.pdf](#)  
[Test Summary TS-43045-002-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                   |
| 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 Select Gold (Au) 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            | 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 <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> |

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## 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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