



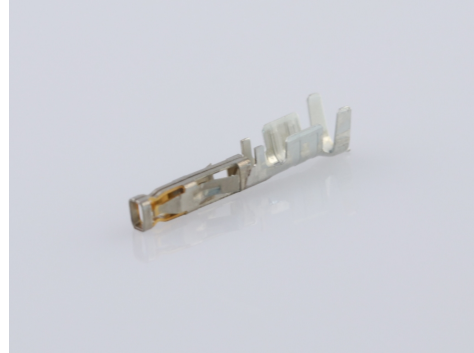
**Part Number :** [462355002](#)

**Product Description :** Micro-Fit RMF High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.76µm Selective Gold (Au) over Nickel (Ni), 24-20 AWG, with Lubricant

**Series Number :** 46235

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents & Resources

### Drawings

[Drawing 462355002\\_sd.pdf](#)

[Packaging Design Drawing PK-46235-001-001.pdf](#)

### Specifications

[Product Specification PS-46235-001-001.pdf](#)

[Test Summary TS-46235-001-001.pdf](#)

[Test Summary TS-46235-501-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                    |
| China RoHS         |   |
| EU ELV             | Not Relevant                                    |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                  |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024) |
| 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         | 46235  |
| Description    | Micro-Fit RMF High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.76µm Selective Gold (Au) over Nickel (Ni), 24-20 AWG, with Lubricant |
| Application    | Power, Wire-to-Board, Wire-to-Wire   |
| Comments       | 90% increase in mating cycles (250 cycles) and up to 50% reduction in mating force   |
| Product Family | Micro-Fit Connector System   |
| Product Name   | Micro-Fit RMF  |
| UPC            | 883906382384   |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
|-------------------------------|------|

### Physical

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 250                  |
| Gender                         | Female               |
| Material - Metal               | Copper-Zinc-Tin      |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Nickel               |
| Net Weight                     | 0.076/g              |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 1.270µm              |
| 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         |

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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 TPA Receptacle Housings            | <u>172952</u> |

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### Application Tooling

#### Global

| Description  | Part Number      |
|--|------------------|
| Extraction Tool for Micro-Fit Terminals  | <u>11030043</u>  |
| PremiumGrade Hand Crimp Tool for Low Force Micro-Fit 3.0 Terminals, 30-20 AWG  | <u>638192900</u> |
| FineAdjust Applicator for Low-Force Micro-Fit 3.0 Terminals, for 24-20 AWG Wire with Insulation Diameter 1.30-1.85mm | <u>639046500</u> |
| T2 Terminator Tooling to be used with Low Force Crimp Terminals, 24-20 AWG Wire                                      | <u>639101400</u> |