

Part Number : 462350002

Product Description : Micro-Fit RMF Reduced Mating Force, Crimp Terminal, Female, with 0.76µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, without Lubricant

Series Number : 46235

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

Drawing 462350002_sd.pdf

Packaging Design Drawing PK-46235-001-001.pdf

Specifications

Product Specification PS-46235-001-001.pdf

Test Summary 430450006-TS-000.pdf

Test Summary TS-46235-001-001.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| 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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | Crimp Terminals |
| Series | 46235 |
| Description | Micro-Fit RMF Reduced Mating Force, Crimp Terminal, Female, with 0.76µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, without Lubricant |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | Up to 50% reduction in mating force |
| Product Family | Micro-Fit Connector System |
| Product Name | Micro-Fit RMF |
| UPC | 800756683492 |

Electrical

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

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 40 |
| Gender | Female |
| Material - Metal | Copper-Zinc-Tin |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Net Weight | 0.046/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 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 TPA Receptacle Housings | <u>172952</u> |

Application Tooling

Global

| Description | Part Number |
|--|-------------------|
| Extraction Tool for Micro-Fit Terminals | <u>0011030043</u> |
| PremiumGrade Hand Crimp Tool for Low Force Micro-Fit 3.0 Terminals, 20-30 AWG | <u>0638192900</u> |
| FineAdjust Applicator for Low-Force Micro-Fit 3.0 Terminals, for 20-24 AWG Wire with Insulation Diameter 1.30-1.85mm | <u>0639046500</u> |
| T2 Terminator Tooling to be used with Low Force Crimp Terminals, 20-24 AWG Wire | <u>0639101400</u> |