



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>