



Part Number : 462355001

Product Description : Micro-Fit RMF High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.38µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, with Lubricant

Series Number : 46235

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 462355001_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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

Part Details

General

Status	Active
Category	Crimp Terminals
Series	46235
Description	Micro-Fit RMF High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.38µm Selective Gold (Au) over Nickel (Ni), 20-24 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	883906382377

Electrical

Current - Maximum per Contact	5.0A
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Physical

Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper-Zinc-Tin
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Net Weight	0.074/g
Packaging Type	Reel
Plating min - Mating	0.381µm
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

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

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