



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



Documents & Resources

Drawings

[462355002 sd.pdf](#)

[PK-46235-001-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 Name	Micro-Fit RMF
UPC	883906382384

Electrical

Current - Maximum per Contact	5.0A
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Physical

Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper Alloy

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.076/g
Packaging Type	Reel
Plating min - Mating	0.762µm
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 ²	N/A

Mates With / Use With

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, 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>
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