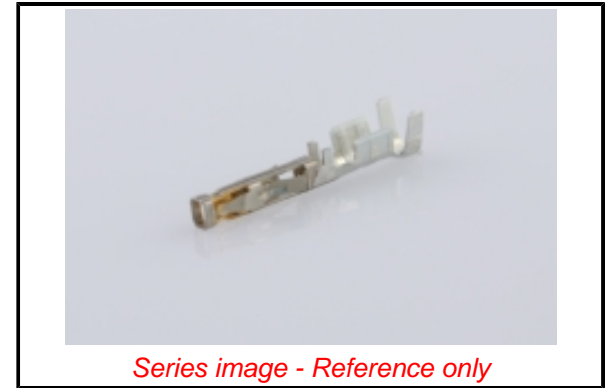


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0462355002](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit RMF High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.76µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, with Lubricant

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-46235-501-001 (PDF)</a>
<a href="#">Product Specification PS-46235-001-001 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Packaging Specification PK-46235-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Test Summary TS-46235-001-001 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	46235
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	90% increase in mating cycles (250 cycles) and up to 50% reduction in mating force
Crimp Quality Equipment	Yes
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit RMF
UPC	883906382384

**Physical**

Durability (mating cycles max)	250
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 <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	5.0A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-46235-001-001
Product Specification	PS-46235-001-001
Sales Drawing	SD-46235-001-001
Test Summary	TS-46235-001-001, TS-46235-501-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46235 Series](#)

**Use With**

Micro-Fit 3.0 Receptacle Housings [43025](#), [43645](#). Micro-Fit BMI Panel Mount Receptacle Housings [44133](#). Micro-Fit TPA Receptacle Housing [172952](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Extraction Tool for Micro-Fit Terminals PremiumGrade Hand	<a href="#">11030043</a>
Crimp Tool for Low Force Micro-Fit 3.0 Terminals, 20-30 AWG	<a href="#">638192900</a>

FineAdjust Applicator 639046500  
for Low-Force  
Micro-Fit 3.0  
Terminals, for 20-24  
AWG Wire with  
Insulation Diameter  
1.30-1.85mm  
T2 Terminator 639101400  
Tooling to be used  
with Low Force  
Crimp Terminals,  
20-24 AWG Wire

This document was generated on 07/22/2022

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