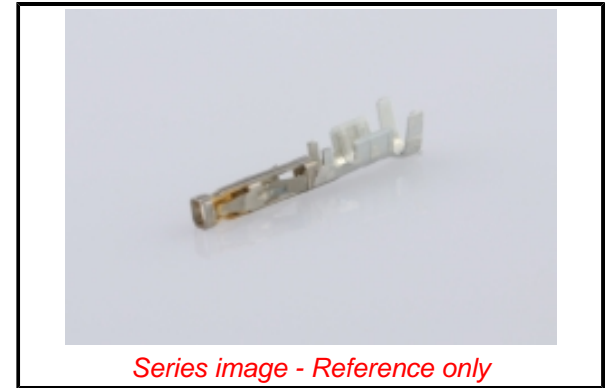


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0462355001](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
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

Documents:

| | |
|--|--|
| Drawing (PDF) | Test Summary TS-46235-501-001 (PDF) |
| Product Specification PS-46235-001-001 (PDF) | Datasheet (PDF) |
| Packaging Specification PK-46235-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Test Summary TS-46235-001-001 (PDF) | |



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 | Micro-Fit Connector System |
| Product Name | Micro-Fit RMF |
| Taxonomy | Crimp Terminals |
| UPC | 883906382377 |

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 | 0.381µm |
| 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 |

Electrical

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

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)9120-DC (17
Jan 2023)

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 Crimp Tool for Low Force Micro-Fit 3.0 Terminals, 20-30 AWG | 11030043 638192900 |
|---|---|

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 04/25/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION