

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

**Part Number:** [2039510001](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit High-Current RMF Crimp Terminal, Female, 2.540µm Bright Tin Plating, 18 AWG

**Documents:**

[Drawing \(PDF\)](#)      [Packaging Specification 2039510000-PK-000 \(PDF\)](#)  
[Product Specification 2039510000-PS-000 \(PDF\)](#)      [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family      Crimp Terminals  
Series      [203951](#)  
Application      Power, Wire-to-Board, Wire-to-Wire  
Crimp Quality Equipment      Yes  
Overview      [Micro-Fit Connector System](#)  
Product Name      Micro-Fit RMF  
UPC      191128235914

**Physical**

Durability (mating cycles max)      25  
Gender      Female  
Material - Metal      HSM Copper  
Material - Plating Mating      Tin  
Material - Plating Termination      Tin  
Net Weight      0.071/g  
Packaging Type      Reel  
Plating min - Mating      2.540µm  
Plating min - Termination      2.540µm  
Termination Interface: Style      Crimp or Compression  
Wire Insulation Diameter      1.85mm max.  
Wire Size AWG      18  
Wire Size mm<sup>2</sup>      N/A

**Electrical**

Current - Maximum per Contact      10.5A  
Voltage - Maximum      600V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification      2039510000-PK-000  
Product Specification      2039510000-PS-000  
Sales Drawing      2039510001-SD-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[203951](#) Series

**Use With**

Micro-Fit 3.0 Receptacle Housing [43025](#) ,  
[43645](#) , Micro-Fit BMI Receptacle Housing  
[44133](#) , [46623](#)

**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 [11030043](#)

Micro-Fit Terminals

Hand Crimp Tool for [638280200](#)

Micro-Fit 3.0 Female

Crimp Terminals,

0.75mm<sup>2</sup> and

18AWG (UL1061)

wires

FineAdjust Applicator 639025800  
for Micro-Fit 3.0  
and Micro-Fit  
Plus Terminals,  
for 0.75mm<sup>2</sup>  
and 18 AWG  
(UL1061) Wires with  
Insulation Diameter  
1.40-1.85mm

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