



Part Number : [2039510001](#)
Product Description : Micro-Fit High-Current RMF Crimp Terminal, Female, 2.540µm Bright Tin Plating, 18 AWG
Series Number : 203951
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

- [2039510001 sd.pdf](#)
- [2039510000-PK-000.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [2039510000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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	203951
Description	Micro-Fit High-Current RMF Crimp Terminal, Female, 2.540µm Bright Tin Plating, 18 AWG
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Micro-Fit RMF
UPC	191128235914

Electrical

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

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 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 BMI Single Row Receptacle Housings	<u>46623</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Hand Crimp Tool for Micro-Fit 3.0 Female Crimp Terminals, 0.75mm ² and 18AWG (UL1061) wires	<u>638280200</u>
FineAdjust Applicator for Micro-Fit 3.0 and Micro-Fit Plus Terminals, for 0.75mm ² and 18 AWG (UL1061) Wires with Insulation Diameter 1.40-1.85mm	<u>639025800</u>

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