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

Drawing_2039510001_sd.pdf

Packaging Design Drawing_2039510000-PK-000.pdf

Specifications

Product Specification_2039510000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

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 Family	Micro-Fit Connector System
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

Use with Part(s)

Description	Part Number

Micro-Fit 3.0 Dual Row Receptacle Housings	43025
Micro-Fit 3.0 Single Row Receptacle Housings	43645
Micro-Fit BMI Dual Row Receptacle Housings	44133
Micro-Fit BMI Single Row Receptacle Housings	46623

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	11030043
Hand Crimp Tool for Micro-Fit 3.0 Female Crimp Terminals, 0.75mm^2 and 18AWG (UL1061) wires	638280200
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	639025800