molex

Part Number : 503728000

Product Description : 2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG,

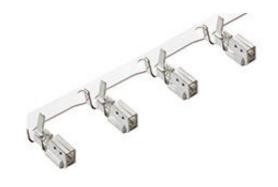
Reel

Series Number: 50372

Status: Active

Product Category : Crimp Terminals

Packaging Alternative: 503728100 (Bag)



Documents & Resources

Drawings

503728000 sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

510900001-000.pdf

<u>SPK-50372-001-001.pdf</u>

510650000-PS-000.pdf

510651000-PS-000.pdf

PS-51089-001-001.pdf

PS-51089-005-001.pdf

PS-51090-004-001.pdf

PS-51090-005-001.pdf

PS-51090-009-001.pdf

PS-51090-016-001.pdf

PS-51090-017-001.pdf

PS-51160-001-001.pdf

PS-51160-006-001.pdf

PS-52968-006-001.pdf

PS-52968-007-001.pdf

PS-53717-002-001.pdf

PS-54111-001-001.pdf

PS-54111-002-001.pdf

PS-54452-006-001.pdf

PS-55533-004-001.pdf

Tooling Specifications

571753710ATS-000.pdf

571753710ATS-J-000.pdf

CS-50372-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	e per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	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)

<u>Substances of Interest</u>

PFAS

EU RoHS Certificate of Compliance

<u>Additional Product Compliance Information</u>

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50372
Description	2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Reel
Application	Signal, Wire-to-Board
Product Name	Mi II,Micro-Latch
UPC	800753576186

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.020/g
Packaging Type	Reel
Plating min - Mating	0.900µm
Plating min - Termination	0.900µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size (AWG)	22, 24, 26
Wire Size mm²	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Micro-Latch Single Row Receptacle Housings	<u>51065</u>
Mi II Single Row Crimp Housings	<u>51089</u>
- S S S S S S S S S S S S S S S S S S S	<u>51089</u>

Mi II Single Row Crimp Housings	51090

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
FineAdjust Applicator for 2.00mm Pitch Wire-to-Board Crimp Receptacle Terminal and SMEC Crimp Receptacle Terminals, 26-22 AWG and AVSS 0.3 Wires	<u>2037021900</u>
PremiumGrade Hand Crimp Tool for Micro-Latch, DuraClik, and Servo Motor Encoder Female Terminals, 26-22 AWG	<u>638235100</u>
T2 Terminator Die	<u>638528000</u>

Japan

Description	Part Number
S-1 Applicator for DuraClik and Mi II Terminals, 26-22 AWG	<u>571753710</u>
Extraction Tool	<u>573216000</u>

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