molex

Part Number : 503728000

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

Series Number : 50372

Product Category : Crimp Terminals

Status : Active

Packaging Alternative : 503728100 (Bag)

Documents & Resources

Drawings
Drawing 503728000_sd.pdf

3D Models and Design Files
3D Model 503728000_stp.zip

Specifications
Application Specification 510900001-000.pdf
Packaging Specification SPK-50372-001-001.pdf
Product Specification 510650000-PS-000.pdf
Product Specification 510651000-PS-000.pdf
Product Specification PS-51089-001-001.pdf
Product Specification PS-51089-005-001.pdf
Product Specification PS-51090-004-001.pdf
Product Specification PS-51090-005-001.pdf
Product Specification PS-51090-009-001.pdf
Product Specification PS-51090-016-001.pdf
Product Specification PS-51090-017-001.pdf
Product Specification PS-51160-001-001.pdf
Product Specification PS-51160-006-001.pdf
Product Specification PS-52968-006-001.pdf
Product Specification PS-52968-007-001.pdf
Product Specification PS-53717-002-001.pdf
Product Specification PS-54111-001-001.pdf
Product Specification PS-54111-002-001.pdf
Product Specification PS-54452-006-001.pdf
Product Specification PS-55533-004-001.pdf

Tooling Specifications
Application Tooling Specification 571753710ATS-000.pdf
Application Tooling Specification 571753710ATS-J-000.pdf
Crimp Specification CS-50372-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	50372
Description	2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 26-22 AWG, Reel
Application	Signal, Wire-to-Board
Product Family	Micro-Latch Wire-to-Board Connector System
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

Use with Part(s)

Description	Part Number
Micro-Latch Single Row Receptacle Housings	51065
Mi II Single Row Crimp Housings	51089
Mi II Single Row Crimp Housings	51090

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	11030043
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	2037021900
PremiumGrade Hand Crimp Tool for Micro-Latch, DuraClik, and Servo Motor Encoder Female Terminals, 26-22 AWG	638235100

T2 Terminator Die	638528000

Application Tooling

Japan

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

This document was generated on Sep 14, 2024