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Part Number: **0503728000**
Status: **Active**
Overview: Micro-Latch Wire-to-Board Connector System
Description: 2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 22-26 AWG, Reel

Documents:

3D Model	Product Specification PS-51160-001-001 (PDF)
3D Model (PDF)	Product Specification PS-51160-006-001 (PDF)
Drawing (PDF)	Product Specification PS-52968-006-001 (PDF)
Product Specification 510650000-PS-000 (PDF)	Product Specification PS-52968-007-001 (PDF)
Product Specification 510651000-PS-000 (PDF)	Product Specification PS-53717-002-001 (PDF)
Product Specification PS-51089-001-001 (PDF)	Product Specification PS-54111-001-001 (PDF)
Product Specification PS-51089-005-001 (PDF)	Product Specification PS-54452-006-001 (PDF)
Product Specification PS-51090-004-001 (PDF)	Application Specification 510900001-000 (PDF)
Product Specification PS-51090-005-001 (PDF)	Packaging Specification SPK-50372-001-001 (PDF)
Product Specification PS-51090-009-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51090-016-001 (PDF)	Product Literature (PDF)

General

Product Family	Crimp Terminals
Series	50372
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Micro-Latch Wire-to-Board Connector System</u>
Packaging Alternative	503728100 (Loose)
Product Name	Mi II, Micro-Latch
UPC	800753576186

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	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size AWG	22, 24, 26
Wire Size mm²	N/A

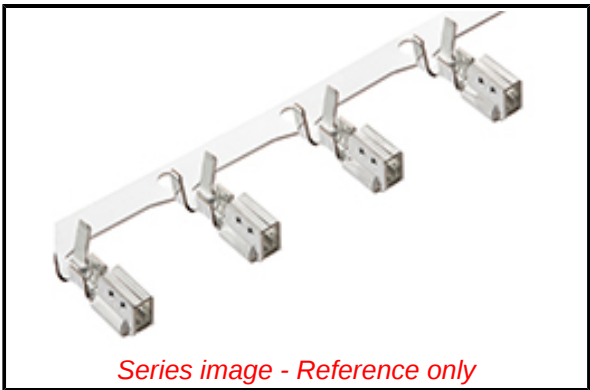
Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Application Specification	510900001-000
Application Tooling Documents	571753710ATS-000, 571753710ATS-J-000
Crimp Specification	CS-50372-001-001
Packaging Specification	SPK-50372-001-001
Product Specification	510650000-PS-000, 510651000-PS-000, PS-51089-001-001, PS-51089-005-001, PS-51090-004-001, PS-51090-005-001, PS-51090-009-001, PS-51090-016-001, PS-51160-001-001, PS-51160-006-001,



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

50372 Series

Use With

51065 Micro-Latch Receptacle Housing
51089 , 51090 Mi II Receptacle Housings

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 Micro-Fit Terminals	11030043
FineAdjust Applicator for 2.0 Wire-to-Board Crimp Receptacle Terminal and SMEC Crimp Receptacle Terminals, 22-26 AWG and AVSS 0.3 Wires	2037021900

Sales Drawing

PS-52968-006-001, PS-52968-007-001,
PS-53717-002-001, PS-54111-001-001,
PS-54452-006-001
503720000-SD-000

PremiumGrade Hand638235100
Crimp Tool for Micro-
Latch, DuraClik, and
Servo Motor Encoder
Female Terminals,
22-26 AWG
T2 Terminator Die 638528000

Japan	
Description	Product #
Applicator for M211A Bench Press, 22-30 AWG Wire	571753000
S-1 Applicator for DuraClik and Mi II Terminals, 22-26 AWG	571753710
Extraction Tool	573216000

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