

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0502128000**
Status: **Active**
Overview: Micro-Latch Wire-to-Board Connector System
Description: 2.00mm Pitch, Micro-Latch Female Crimp Terminal, Tin (Sn) Plating, 24-30 AWG, Reel

Documents:

3D Model (PDF)	Product Specification PS-51160-001-001 (PDF)
3D Model	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-51090-003-001 (PDF)	Application Specification 510900001-000 (PDF)
Product Specification PS-51090-004-001 (PDF)	Packaging Specification SPK-50212-001-001 (PDF)
Product Specification PS-51090-005-001 (PDF)	Datasheet (PDF)
Product Specification PS-51090-009-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51090-016-001 (PDF)	



General

Product Family	Crimp Terminals
Series	50212
Application	Automotive, Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>Micro-Latch Wire-to-Board Connector System</u>
Packaging Alternative	<u>502128100 (Loose)</u>
Product Name	DuraClik, Mi II, Micro-Latch, Sherlock
UPC	800753644625

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	20.400/mg
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.40mm max.
Wire Size AWG	24, 26, 28, 30
Wire Size mm ²	N/A

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Application Specification	510900001-000
Application Tooling Documents	571753720ATP-E-000, 571753720ATP-J-000, 571753720ATS-000, 571753720ATS-J-000
Crimp Specification	CS-50212-001
Packaging Specification	SPK-50212-001-001
Product Specification	510650000-PS-000, 510651000-PS-000, PS-51089-001-001, PS-51089-005-001, PS-51090-003-001, PS-51090-004-001, PS-51090-005-001, PS-51090-009-001, PS-51090-016-001, PS-51160-001-001,

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

50212 Series

Use With

DuraClik Receptacle Housing 502351

Micro-Latch Receptacle Housing 51065

Mi II Receptacle Housings 51089 ,
51090

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	<u>11030043</u>
Hand Crimp Tool for 2.00mm Pitch Terminal, 24-30 AWG	<u>638190500</u>
FineAdjust Applicator for 2.00mm Pitch	<u>639005200</u>

Sales Drawing

PS-51160-006-001, PS-52968-006-001,
PS-52968-007-001, PS-53717-002-001,
PS-54111-001-001, PS-54452-006-001
502120000-SD-000

Wire-to-Board
Crimp Terminals,
24-30 AWG Wire,
Insulation OD
1.10-1.30mm
FineAdjust Applicator [639046800](#)
for 2.00mm Pitch
Wire-to-Board Crimp
Terminal, 24-30
AWG, Insulation OD
0.90-1.10mm
T2 Terminator Die [639105200](#)

Japan

Description	Product #
--------------------	------------------

Extraction Tool	571056000
-----------------	---------------------------

Applicator for M211A	571753000
----------------------	---------------------------

Bench Press, 22-30

AWG Wire

S-1 Applicator	571753720
----------------	---------------------------

for Wire-to-Board

Receptacle Terminal,

for 24-30 AWG

Twisted Wire

This document was generated on 08/18/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION