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Part Number: **0502128100**
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, Bag

Documents:

Drawing (PDF)	Product Specification PS-51090-017-001 (PDF)
3D Model	Product Specification PS-51090-018-001 (PDF)
3D Model (PDF)	Product Specification PS-51160-001 (PDF)
Product Specification PS-51065-005 (PDF)	Product Specification PS-51160-006-001 (PDF)
Product Specification PS-51065-016-001 (PDF)	Product Specification PS-51225-003-001 (PDF)
Product Specification PS-51065-017-001 (PDF)	Product Specification PS-52968-006-001 (PDF)
Product Specification PS-51065-018-001 (PDF)	Product Specification PS-52968-007-001 (PDF)
Product Specification PS-51089-001 (PDF)	Product Specification PS-53717-002-001 (PDF)
Product Specification PS-51089-005-001 (PDF)	Product Specification PS-54111-002-001 (PDF)
Product Specification PS-51090-003 (PDF)	Product Specification PS-55533-004-001 (PDF)
Product Specification PS-51090-004-001 (PDF)	Application Specification 510900001-000 (PDF)
Product Specification PS-51090-005-001 (PDF)	Packaging Specification SPK-50212-001-001 (PDF)
Product Specification PS-51090-009 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51090-016-001 (PDF)	Product Literature (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	502128000 (Reel)
Product Name	DuraClik, Mi II, Micro-Latch, Sherlock
UPC	800754369473

Physical

Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	20.400/mg
Packaging Type	Bag
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
Crimp Specification	CS-50212
Packaging Specification	SPK-50212-001-001
Product Specification	PS-51065-005, PS-51065-016-001, PS-51065-017-001, PS-51065-018-001, PS-51089-001, PS-51089-005-001, PS-51090-003, PS-51090-004-001, PS-51090-005-001, PS-51090-009, PS-51090-016-001, PS-51090-017-001, PS-51090-018-001, PS-51160-001, PS-51160-006-001,

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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	11030043
Hand Crimp Tool	638190500

for 2.00mm Pitch
Terminal, 24-30
AWG

Japan

Description

Product #

Extraction Tool	571056000
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Sales Drawing

PS-51225-003-001, PS-52968-006-001,
PS-52968-007-001, PS-53717-002-001,
PS-54111-002-001, PS-55533-004-001
SD-50212-001

Hand Crimp Tool 571765000

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