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**Part Number:** **5019301100**  
**Status:** **Active**  
**Overview:** Duo-Clasp™ Wire-to-Board System  
**Description:** 1.25mm Pitch Duo-Clasp™ Wire-to-Board Crimp Terminal, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-503110-002 (PDF)</a>
<a href="#">Product Specification PS-501931-002 (PDF)</a>	<a href="#">Packaging Specification SPK-501930-001 (PDF)</a>
<a href="#">Application Specification AS-503110-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	501930
Application	Signal
Crimp Quality Equipment	Yes
Overview	Duo-Clasp™ Wire-to-Board System
Product Name	Duo-Clasp™
UPC	822350237017

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	16.452/mg
Packaging Type	Reel
Plating min - Mating	0.102µm
Plating min - Termination	1.016µm
Wire Insulation Diameter	0.80-1.0mm
Wire Size AWG	26, 28
Wire Size mm²	N/A

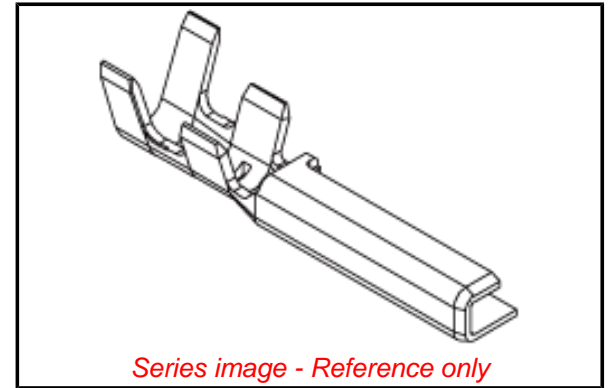
**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503110-001, AS-503110-002
Crimp Specification	CS-501930-001
Packaging Specification	SPK-501930-001
Product Specification	PS-501931-002, RPS-501931-001, RPS-501931-002, RPS-501931-003, RPS-501931-004, RPS-501931-005, RPS-501931-006, RPS-501931-007, RPS-501931-009
Sales Drawing	SD-501930-001, SD-501930-002



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015

June 15): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[501930](#) Series

**Mates With**

[501931](#) PCB Receptacle . [502046](#) PCB Receptacle

**Use With**

[503110](#) Crimp Housing

**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**

FineAdjust™  
Applicator for  
1.25mm Pitch Wire-to-Board Connector

**Product #**

[0639006600](#)

Dual Plug Terminals,  
26-28 AWG  
Extraction Tool 0638132700  
Hand Tool for 0638194400  
1.25mm Wire-  
to-Board Crimp  
Terminal, 26-28  
AWG Wire  
T2 Terminator 0639106600  
Tooling Die for  
1.25mm Pitch Wire-  
to-Board Connector  
Dual Plug Terminals,  
26-28 AWG

**Japan**

<b>Description</b>	<b>Product #</b>
Applicator for M21 1A Bench Press, 26-28 AWG Wire	<u>5780343000</u>
Hand Crimp Tool - Straight Action	<u>5780345300</u>

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