

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5025790100**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch, CLIK-Mate Male Crimp Terminal, Tin Plating, 24-28 AWG, Bag

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification 5031490000-PS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 5031490001-PS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 5031491000-PS-000 (PDF)</a>
<a href="#">Product Specification 5025780000-PS-000 (PDF)</a>	<a href="#">Product Specification 5031491001-PS-000 (PDF)</a>
<a href="#">Product Specification 5025780001-PS-000 (PDF)</a>	<a href="#">Application Specification AS-502578-001-001 (PDF)</a>
<a href="#">Product Specification 5025780002-PS-000 (PDF)</a>	<a href="#">Application Specification AS-503149-001-001 (PDF)</a>
<a href="#">Product Specification 5025780003-PS-000 (PDF)</a>	<a href="#">Application Specification AS-503395-001-001 (PDF)</a>
<a href="#">Product Specification 5025781000-PS-000 (PDF)</a>	<a href="#">Packaging Specification SPK-502579-001-001 (PDF)</a>
<a href="#">Product Specification 5025781002-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5025781003-PS-000 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<u>502579</u>
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<u>CLIK-Mate Wire-to-Board Connectors</u>
Packaging Alternative	<u>5025790000 (Reel)</u>
Product Name	CLIK-Mate
UPC	800756642864

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	22.500/mg
Packaging Type	Bag
Plating min - Mating	0.406µm
Plating min - Termination	0.406µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.78-1.28mm
Wire Size AWG	24, 26, 28
Wire Size mm <sup>2</sup>	0.08-0.20

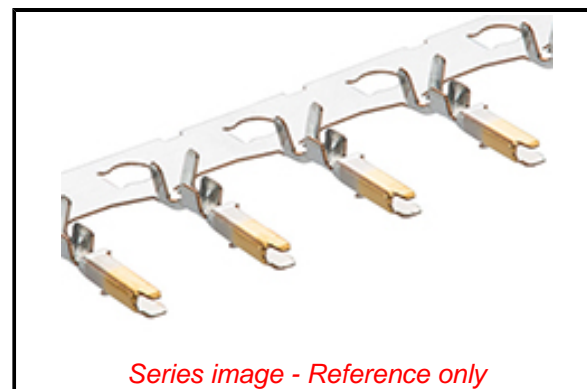
**Electrical**

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-502578-001-001, AS-503149-001-001, AS-503395-001-001
Crimp Specification	CS-502579-001-001
Packaging Specification	SPK-502579-001-001
Product Specification	5025780000-PS-000, 5025780001-PS-000, 5025780002-PS-000, 5025780003-PS-000, 5025781000-PS-000, 5025781002-PS-000, 5025781003-PS-000, 5031490000-PS-000,



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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**

502579 Series

**Use With**

CLIK-Mate Housing 502578 , 503149

**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 #
Hand Crimp Tool for 1.50mm Pitch CLIK-Mate Wire-to-Board Crimp Terminals, 24-28 AWG	<u>2002187400</u>
Extractor Tool for 1.50mm Pitch Wire-to-Board Crimp Terminal	<u>638133700</u>
PremiumGrade Hand Crimp Tool for CLIK-	<u>638194600</u>

Sales Drawing

5031490001-PS-000, 5031491000-PS-000,  
5031491001-PS-000  
5025790000-SD-000, SD-502579-002

Mate Wire-to Board  
Terminals, 24-28  
AWG and 0.08 and  
0.20mm<sup>2</sup> Wire

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