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**Part Number:** [5050710101](#)  
**Status:** **Active**  
**Overview:** TermiMate™ One-Circuit Terminal-Style Connector System  
**Description:** TermiMate™ PCB Plug Terminal, 1.20mm Mated Height

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	505071
Application	Board-to-Board, Wire-to-Board
Application Tooling Part Link	63824-5010
Application Tooling Part Link	63824-5810
Comments	See Product Specification for maximum current rating by wire AWG
Overview	<a href="#">TermiMate™ One-Circuit Terminal-Style Connector System</a>
Product Name	TermiMate™
UPC	887191570792

**Physical**

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Durability (mating cycles max)	20
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	1.20mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin over Nickel
Net Weight	35.000/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	N/A
Plating min - Mating	0.991µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

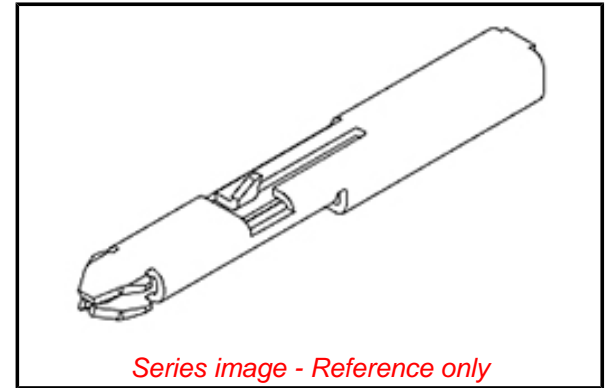
**Electrical**

Current - Maximum per Contact	3.0A
Voltage - Maximum	125V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-505071-001, SD-505071-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**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**

[505071](#) Series

**Mates With**

TermiMate™ PCB Receptacle Terminal [505072-0101](#) <br>TermiMate™ Crimp Terminal Receptacle [505073-1100](#)

**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**

<b>Description</b>	<b>Product #</b>
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Unlatching Tool for	<a href="#">0638245010</a>
TermiMate™ 505071	
Plug Terminal for removal of	
TermiMate™ 505073	

Crimp Terminal  
Receptacle  
Unlatching Tool for 0638245810  
TermiMate™ 505071  
Plug Terminal  
for removal of  
TermiMate™ 505072  
PCB Receptacle  
Terminal

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