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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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-505071-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-505071-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Application tooling part link**

Application Tooling Part Link	63824-5010
Application Tooling Part Link	63824-5810

**General**

Product Family	PCB Headers
Series	<a href="#">505071</a>
Application	Board-to-Board, Wire-to-Board
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

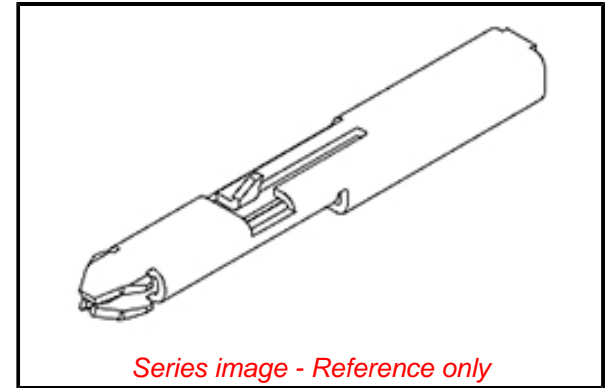
**Physical**

Breakaway	No
Circuits (Loaded)	1
Circuits (maximum)	1
Durability (mating cycles max)	20
First Mate / Last Break	No
Glow-Wire Capable	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
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° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505071](#) Series

**Mates With**

TermiMate PCB Receptacle Terminal  
[5050720101](#) <br>TermiMate Crimp Terminal  
Receptacle [5050731100](#)

**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 #**

Unlatching Tool for TermiMate 505071 Plug Terminal for removal of TermiMate 505073 Crimp Terminal Receptacle	<a href="#">638245010</a>
Unlatching Tool for TermiMate 505071	<a href="#">638245810</a>

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

AS-505071-001-001

PS-505071-001-001

SD-505071-001, SD-505071-002

Plug Terminal  
for removal of  
TermiMate 505072  
PCB Receptacle  
Terminal

This document was generated on 07/15/2020

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