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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](#) [Application Specification AS-505071-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-505071-001-001 \(PDF\)](#)

**Application tooling part link**

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

**General**

Product Family PCB Headers  
 Series [505071](#)  
 3D Viewer Yes  
 Application Board-to-Board, Wire-to-Board  
 CURRENT-MAX-NUMERIC 3.0  
 Comments See Product Specification for maximum current rating by wire AWG, See Product Specification for maximum current rating by wire AWG

Overview

[TermiMate One-Circuit Terminal-Style Connector System](#)

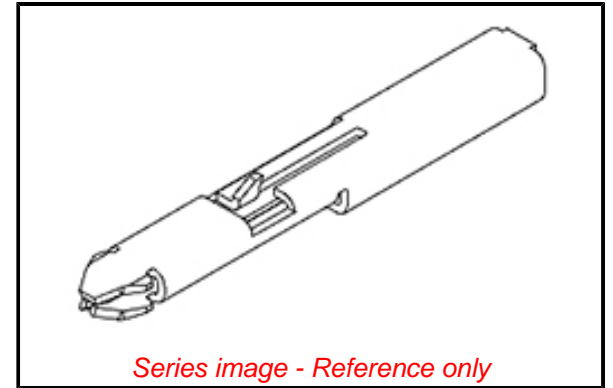
Product Name TermiMate  
 UPC 887191570792

**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 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° to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 3.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**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**

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

125V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-505071-001-001

Product Specification

PS-505071-001-001

Sales Drawing

SD-505071-001, SD-505071-002

Plug Terminal  
for removal of  
TermiMate 505072  
PCB Receptacle  
Terminal

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