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**Part Number:** [5050710101](#)  
**Status:** **Active**  
**Overview:**  
**Description:** TermiMate PCB Plug Terminal, 1.20mm Mated Height

**Application tooling part link**

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

**General**

Product Family PCB Headers  
 Series [505071](#)  
 Application Board-to-Board, Wire-to-Board  
 Comments See Product Specification for maximum current rating by wire AWG  
 Overview termimate\_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  
 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**

**Reference - Drawing Numbers**

Application Specification AS-505071-001-001  
 Product Specification PS-505071-001-001  
 Sales Drawing SD-505071-001-001, SD-505071-002-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 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**

[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 [638245010](#)

TermiMate 505071

Plug Terminal

for removal of

TermiMate 505073

Crimp Terminal

Receptacle

Unlatching Tool for [638245810](#)

TermiMate 505071

Plug Terminal

for removal of

TermiMate 505072

PCB Receptacle

Terminal

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