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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](#)
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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[00](#) [DGA00010553](#) [CNXV04NTP](#) [104128-0610](#) [503485-0000 \(Cut Strip\)](#) [503485-0000 \(Loose Piece\)](#) [503485-0000 \(MINI Reel\)](#) [1-2834074-2](#)
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