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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](#)
 Application Board-to-Board, Wire-to-Board
 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

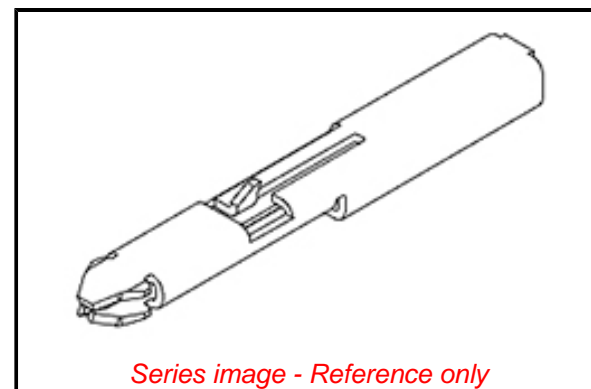
Physical

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
 Voltage - Maximum 125V AC (RMS)/DC

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 2019)

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](#)
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	638245010
Unlatching Tool for TermiMate 505071	638245810

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

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