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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	Product Specification PS-505071-001-001 (PDF)
Drawing (PDF)	Application Specification AS-505071-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (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
Overview	TermiMate One-Circuit Terminal-Style Connector System
Product Name	TermiMate
UPC	887191570792

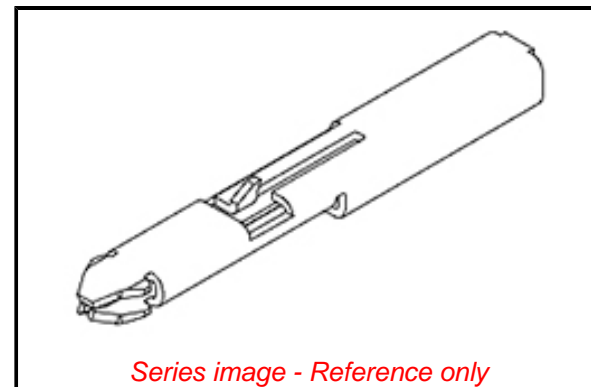
Physical

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
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(2022)4187-DC (10
June 2022)

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 #
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Unlatching Tool for TermiMate 505071	638245010
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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	638245810
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Unlatching Tool for TermiMate 505071	
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Reference - Drawing Numbers

Application Specification

Product Specification

Sales Drawing

AS-505071-001-001

PS-505071-001-001

SD-505071-001-001, SD-505071-002-001

Plug Terminal
for removal of
TermiMate 505072
PCB Receptacle
Terminal

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