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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
Drawing (PDF)
3D Model (PDF)

Product Specification PS-505071-001-001 (PDF)
Application Specification AS-505071-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

Application tooling part link
Application Tooling Part Link	63824-5010
Application Tooling Part Link	63824-5810

General
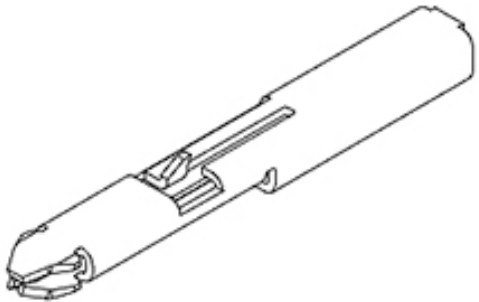|	
Product Family	PCB Headers
Series	505071
Application	Board-to-Board, Wire-to-Board
Comments	See Product Specification for maximum current rating by wire AWG
Overview	TermiMate One-Circuit Terminal-Style Connector System
Product Name	TermiMate
UPC	887191570792

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

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
D(2020)4578-DC (25
June 2020)
Halogen-Free
Status
Low-Halogen
For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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

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  [505071-0101](#)