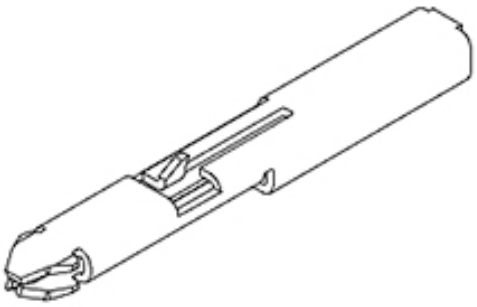
molex
one company > a world of innovation

This document was generated on 01/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 5050710101
Status: Active
Overview: TermiMate One-Circuit Terminal-Style Connector System
Description: TermiMate PCB Plug Terminal, 1.20mm Mated Height



Series image - Reference only

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)

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

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/71/2019 (16 July 2019)

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

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

Plug Terminal
for removal of
TermiMate 505072
PCB Receptacle
Terminal

This document was generated on 01/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION