

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

Documents:

[3D Model](#) [Application Specification AS-505071-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-505071-001-001 \(PDF\)](#)

General

Product Family	PCB Headers
Series	505071
Application	Board-to-Board, Wire-to-Board
Application Tooling Part Link	63824-5010
Application Tooling Part Link	63824-5810
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 Compliant	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°C to +105°C
Termination Interface: Style	Surface Mount

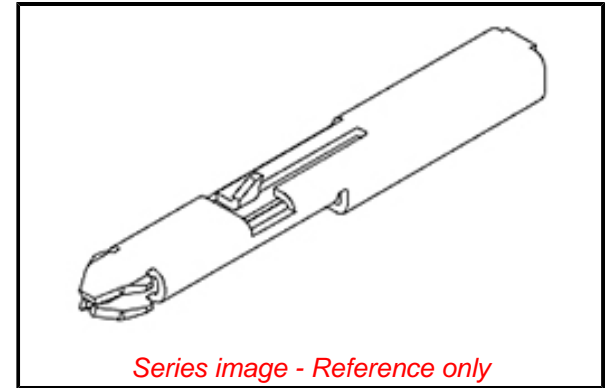
Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-505071-001-001
---------------------------	-------------------



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[505071](#) Series

Mates With

TermiMate™ PCB Receptacle Terminal
[505072-0101](#)
TermiMate™ Crimp
Terminal Receptacle [505073-1100](#)

This document was generated on 05/23/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION