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Part Number: [104091-0520](#)
Status: **Active**
Description: IllumiMate™ 1.25mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Right Angle, 5 Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-104091-001 \(PDF\)](#)
[Product Specification PS-104091-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	104091
Application	Signal, Wire-to-Board
Product Name	IllumiMate™
UPC	884982468634

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Copper
Material - Plating Termination	Tin
Net Weight	0.234/g
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-25°C to +130°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	200V

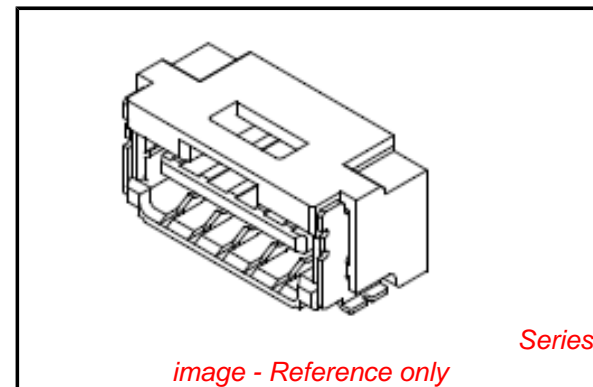
Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104091-001
Product Specification	PS-104091-001
Sales Drawing	SD-104091-003, SD-104091-006



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

[104091Series](#)

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