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**Part Number:** [104127-0510](#)  
**Status:** **Active**  
**Overview:** [IllumiMate™ Connector System](#)  
**Description:** IllumiMate™ 1.00mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Vertical, Positive Lock, 5 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-104127-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104127-002 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">104127</a>
Application	Wire-to-Board
Overview	<a href="#">IllumiMate™ Connector System</a>
Product Name	IllumiMate™
UPC	884982937017

**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
Material - Metal	Phosphor Bronze
Material - Plating Mating	Nickel, Tin
Net Weight	0.150/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Temperature Range - Operating	-25°C to +130°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	60V

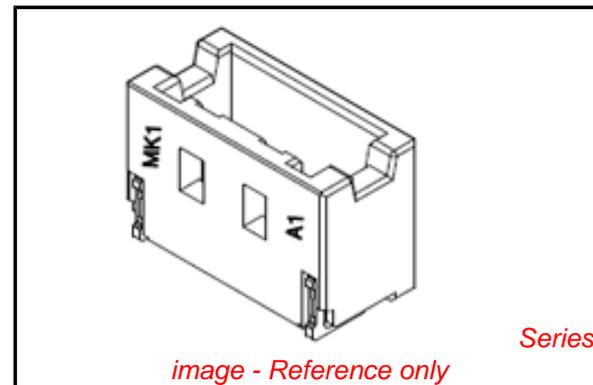
**Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-104127-002
Product Specification	PS-104127-002
Sales Drawing	SD-104127-002, SD-104127-003



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

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

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[104127Series](#)

**Mates With**

[IllumiMate™ Housing 104128-0500](#)

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