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**Part Number:** [1041270410](#)  
**Status:** **Active**  
**Overview:** [IllumiMate Connector System](#)  
**Description:** IllumiMate 1.00mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Vertical, Positive Lock, 4 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-104127-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-104127-001-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">104127</a>
3D Viewer	Yes
Application	Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Overview	<a href="#">IllumiMate Connector System</a>
PITCH-MATING-NUMERIC	1.00
Product Name	IllumiMate
UPC	884982701533

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	0.137/g
Number of Rows	1
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Plating min - Mating	3.000µm
Plating min - Termination	3.000µm
Temperature Range - Operating	-25° to +130°C
Termination Interface: Style	Surface Mount

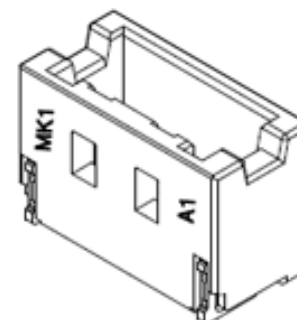
**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	60V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[104127 Series](#)

**Mates With**

IllumiMate Housing [1041280400](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-104127-001-001

PS-104127-001-001

SD-104127-001

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