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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 | 104127 |
| 3D Viewer | Yes |
| Application | Wire-to-Board |
| CURRENT-MAX-NUMERIC | 1.0 |
| Overview | IllumiMate Connector System |
| 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 |

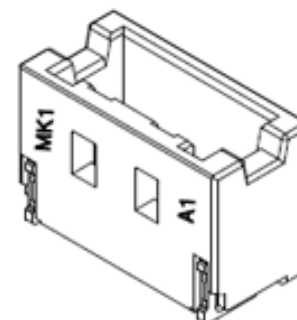
Electrical

| | |
|-------------------------------|------|
| 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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