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Part Number: [1041270510](#)
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	104127
Application	Wire-to-Board
Overview	IllumiMate™ Connector System
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
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	0.150/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°C to +130°C
Termination Interface: Style	Surface Mount

Electrical

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

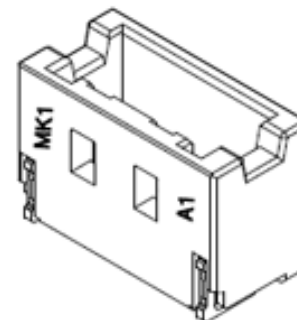
Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104127-002
Product Specification	PS-104127-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Not 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

Green Image
Not Relevant

Search Parts in this Series

[104127 Series](#)

Mates With

IllumiMate™ Housing [104128-0500](#)

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