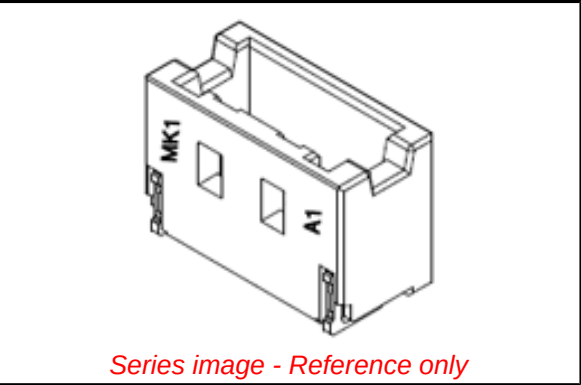


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Part Number: [1041270510](#)
Status: **Active**
Overview: [IllumiMate™ Connector System](#)
Description: IllumiMate™ 1.00mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Vertical, Positive Lock, 5 Circuits



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

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-freeProcess 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

EU ELV
Not Relevant

EU RoHS **China 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 Green Image
ELV Not Relevant

Search Parts in this Series
[104127](#) Series

Mates With
IllumiMate™ Housing [104128-0500](#)

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