

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1041270620](#)
Status: **Active**
Overview: [IllumiMate Connector System](#)
Description: IllumiMate 1.00mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Vertical, Side Lock, 6 Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-104127-004-001 \(PDF\)](#)
[Product Specification PS-104127-004-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	104127
Application	Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Overview	IllumiMate Connector System
PITCH-MATING-NUMERIC	1.00
Product Name	IllumiMate
UPC	889056135429

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	0.201/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	100V AC (RMS)/DC

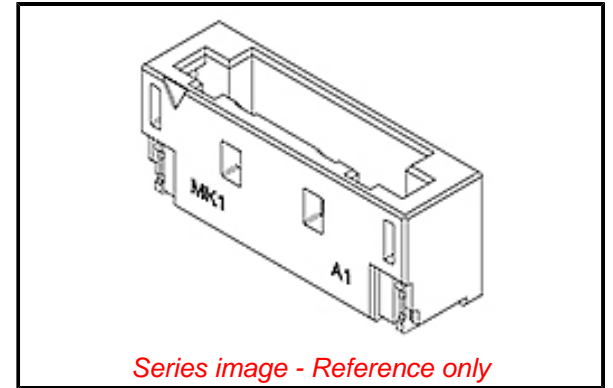
Solder Process Data

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-104127-004-001
-------------------------	-------------------



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 [1041280610](#)

This document was generated on 09/11/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Lighting Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[293300-7](#) [293660-5](#) [CNX_H03_NTP](#) [30-9767-BU](#) [3605](#) [3-21030-1](#) [ZCH-110-RGB-I](#) [503471-0290](#) [ZCH-110-RGB-J](#) [217-0716-200](#)
[1954563-1](#) [1-293657-2](#) [2834036-1](#) [2834037-1](#) [1-2213222-4](#) [2-2213222-4](#) [2213222-4](#) [2834122-3](#) [2834122-5](#) [2834135-2](#) [FLA-R4142-30](#)
[FLA-R4162-30](#) [FLA-R2142-30](#) [FLA-R2162-30](#) [FLA-R2161-30](#) [FLA-R0161-30](#) [FLA-R0141-30](#) [FLA-R0142-30](#) [FLA-R0162-30](#) [FLA-C00-](#)
[00](#) [DGA00010553](#) [CNXV04NTP](#) [104128-0610](#) [503485-0000 \(Cut Strip\)](#) [503485-0000 \(Loose Piece\)](#) [503485-0000 \(MINI Reel\)](#) [1-2834074-2](#)
[1-2834074-3](#) [1357-AC PLUG W2C \(CHINA\)](#) [1357-AC PLUG W2 \(USA\)](#) [104266-0110](#) [CNXV02NTP](#) [2106212-1](#) [2-2834074-2](#) [104266-](#)
[0210](#) [293470-1](#) [293651-2](#) [293651-4](#) [1-2834006-2](#) [293651-1](#)