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Part Number: [1041930610](#)
Status: **Active**
Overview: [IllumiMate Connector System](#)
Description: IllumiMate 1.00mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Right-Angle, Positive Lock, 6 Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-104193-001-001 \(PDF\)](#)
[Product Specification PS-104193-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	104193
Application	Wire-to-Board
Overview	IllumiMate Connector System
Product Name	IllumiMate
UPC	887191377261

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
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.144/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Temperature Range - Operating	-25° to +130°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	100V

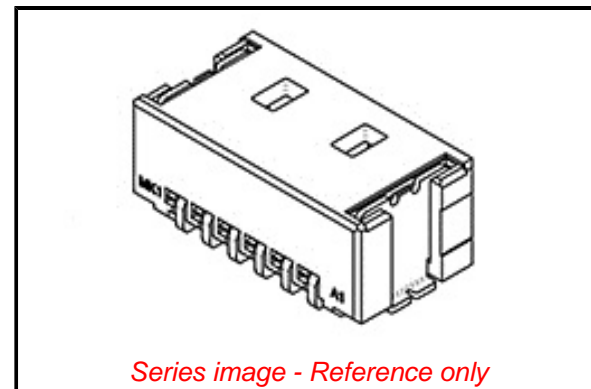
Solder Process Data

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-104193-001-001
Product Specification	PS-104193-001-001
Sales Drawing	SD-104193-001, SD-104193-003



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[104193 Series](#)

Mates With

IllumiMate Housing [104192-0600](#)