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Part Number: [1041411010](#)
Status: **Active**
Overview: [IllumiMate Connector System](#)
Description: IllumiMate 1.00mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Vertical, Side Positive Locks and Secondary Middle Friction Locks, 10 Circuits

Documents:

[3D Model](#) [Packaging Specification PK-104141-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-104141-001-001 \(PDF\)](#)

General

Product Family	PCB Headers
Series	104141
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	884982901841

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	0.302/g
Number of Rows	1
Orientation	Vertical
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	50V

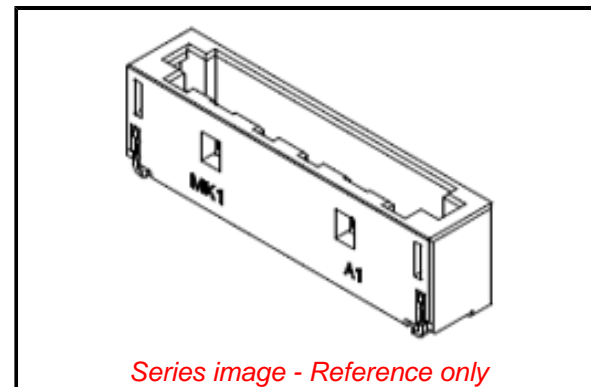
Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104141-001-001
Product Specification	PS-104141-001-001
Sales Drawing	SD-104141-001, SD-104141-002



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

[104141 Series](#)

Mates With

IllumiMate 1.00mm Pitch Wire-to-Board
Crimp Housing [1041421000](#)

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