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
Drawing (PDF)
Product Specification PS-104141-001-001 (PDF)

Packaging Specification PK-104141-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Series image - Reference only

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
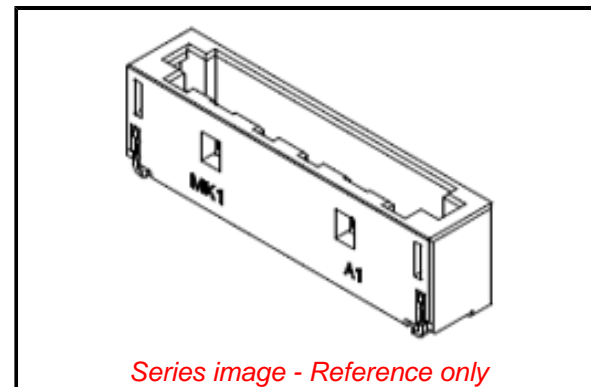|	
Current - Maximum per Contact	1.0A
Voltage - Maximum	50V

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   **China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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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