

Part Number : [1040911020](#)

Product Description : IllumiMate 1.25mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Right-Angle, 10 Circuits

Series Number : 104091

Status : Not Recommended For New Design

Product Category : PCB Headers and Receptacles

Documents and Resources


Specifications

[PK-104091-001-002.pdf](#)

[PS-104091-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	PCB Headers and Receptacles
Series	104091
Description	IllumiMate 1.25mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Right-Angle, 10 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	IllumiMate
UPC	884982468627

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	200V

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
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin

Material - Resin	High Temperature Thermoplastic
Net Weight	0.364/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-25° to +130°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
IllumiMate 1.25mm Pitch Wire-to-Board Crimp Housing, Single Row, 10 Circuits, Natural	<u>1040921000</u>

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