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Part Number:

1040991017

Status:

Active

Overview:

IllumiMate Connector System

Description:

IllumiMate 1.25mm Pitch Wire-to-Board Header, Surface Mount, Single Row, Vertical, 10 Circuits

Documents:

3D Model

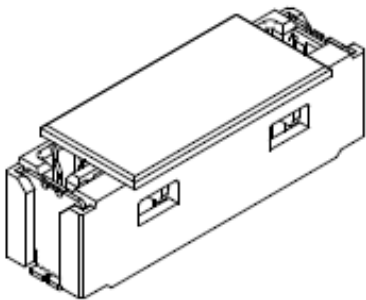
Drawing (PDF)

Product Specification PS-104099-001-001 (PDF)

Packaging Specification PK-104099-001-002 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	104099
Application	Signal, Wire-to-Board
Overview	IllumiMate Connector System
Product Name	IllumiMate
UPC	884982400337
Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.442/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-25°C to +130°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.5A
Voltage - Maximum	200V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free

Status

Not 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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

104099 Series

Mates With

104105-1000

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-104099-001-002
Product Specification	PS-104099-001-001
Sales Drawing	SD-104099-001, SD-104099-002

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