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Part Number:

1040911020

Status:

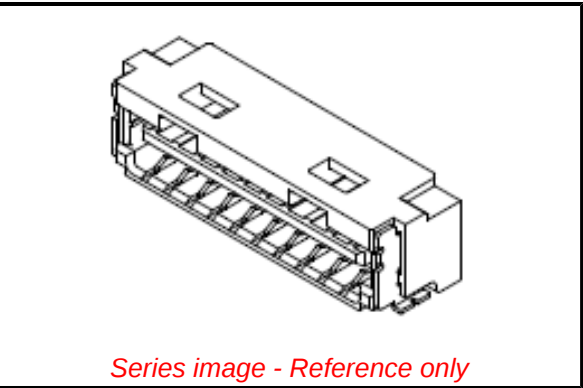
Active

Overview:

IllumiMate Connector System

Description:

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



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-104091-001-001 \(PDF\)](#)

[Packaging Specification PK-104091-001-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                                |                                |
|------------------------------------------------|--------------------------------|
| <b>General</b>                                 |                                |
| Product Family                                 | PCB Headers                    |
| Series                                         | 104091                         |
| 3D Viewer                                      | Yes                            |
| Application                                    | Signal, Wire-to-Board          |
| CURRENT-MAX-NUMERIC                            | 1.5                            |
| Overview                                       | IllumiMate Connector System    |
| PITCH-MATING-NUMERIC                           | 1.25                           |
| Product Name                                   | IllumiMate                     |
| UPC                                            | 884982468627                   |
| <b>Physical</b>                                |                                |
| 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                    |
| 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° to +130°C                 |
| Termination Interface: Style                   | Surface Mount                  |
| <b>Electrical</b>                              |                                |
| Current - Maximum per Contact                  | 1.5A                           |
| Voltage - Maximum                              | 200V                           |
| <b>Solder Process Data</b>                     |                                |
| Duration at Max. Process Temperature (seconds) | 010                            |
| Lead-freeProcess Capability                    | REFLOW                         |
| Max. Cycles at Max. Process Temperature        | 003                            |
| Process Temperature max. C                     | 260                            |
| <b>Material Info</b>                           |                                |

**EU ELV**  
**Not Relevant**

**EU RoHS**  
**Compliant**

**REACH SVHC**  
Not Contained Per  
-ED/88/2018 (15  
January 2019)  
**Halogen-Free**  
**Status**  
**Low-Halogen**

China RoHS

Green Image  
Not Relevant  
Not Contained

For more information, please visit [Contact US](#)

Search Parts in this Series  
104091 Series

Mates With  
1040921000

**Reference - Drawing Numbers**

|                         |                              |
|-------------------------|------------------------------|
| Packaging Specification | PK-104091-001-002            |
| Product Specification   | PS-104091-001-001            |
| Sales Drawing           | SD-104091-002, SD-104091-005 |

This document was generated on 09/17/2019

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