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Part Number:

0022232041

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK® 254 Solid Header, Vertical, with Friction Lock, 4 Circuits, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-10-07-001 (PDF)

Packaging Specification PK-6373-001-000 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |  |                                 |
|--------------------------------|--|---------------------------------|
| Agency Certification           |  |                                 |
| CSA                            |  | LR19980                         |
| UL                             |  | E29179                          |
| General                        |  |                                 |
| Product Family                 |  | PCB Headers                     |
| Series                         |  | 6373                            |
| Application                    |  | Signal, Wire-to-Board           |
| Overview                       |  | KK® Interconnect System - Molex |
| Product Name                   |  | KK® 254                         |
| UPC                            |  | 800753752146                    |
| Physical                       |  |                                 |
| Breakaway                      |  | No                              |
| Circuits (Loaded)              |  | 4                               |
| Circuits (maximum)             |  | 4                               |
| Color - Resin                  |  | Natural (White)                 |
| Durability (mating cycles max) |  | 25                              |
| First Mate / Last Break        |  | No                              |
| Flammability                   |  | 94V-0                           |
| Glow-Wire Compliant            |  | No                              |
| Guide to Mating Part           |  | No                              |
| Lock to Mating Part            |  | Yes                             |
| Material - Metal               |  | Brass                           |
| Material - Plating Mating      |  | Tin                             |
| Material - Resin               |  | Nylon                           |
| Net Weight                     |  | 0.457/g                         |
| Number of Rows                 |  | 1                               |
| Orientation                    |  | Vertical                        |
| PC Tail Length                 |  | 3.56mm                          |
| PCB Locator                    |  | No                              |
| PCB Retention                  |  | None                            |
| PCB Thickness - Recommended    |  | 1.60mm                          |
| Packaging Type                 |  | Bag                             |
| Pitch - Mating Interface       |  | 2.54mm                          |
| Pitch - Termination Interface  |  | 2.54mm                          |
| Polarized to Mating Part       |  | Yes                             |
| Polarized to PCB               |  | No                              |
| Shrouded                       |  | Partial                         |
| Stackable                      |  | No                              |
| Temperature Range - Operating  |  | See Product Specification       |
| Termination Interface: Style   |  | Through Hole                    |
| Electrical                     |  |                                 |
| Current - Maximum per Contact  |  | 4.0A                            |
| Voltage - Maximum              |  | 500V                            |
| Solder Process Data            |  |                                 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/01/2017 (12

January 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto: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

6373 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

|                                                |      |
|------------------------------------------------|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-freeProcess Capability                    | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 235  |

**Material Info**

|                    |               |
|--------------------|---------------|
| Engineering Number | A-6373-04A222 |
|--------------------|---------------|

**Reference - Drawing Numbers**

|                         |                              |
|-------------------------|------------------------------|
| Packaging Specification | PK-6373-001-000              |
| Product Specification   | PS-10-07-001                 |
| Sales Drawing           | SD-6373-001, SD-6373-001-002 |

This document was generated on 03/10/2017

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