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Part Number:

0022232221

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Solid Header, Vertical, with Friction Lock, 22 Circuits, Tin (Sn) Plating

|                |                                               |
|----------------|-----------------------------------------------|
| Documents:     |                                               |
| 3D Model       | Product Specification PS-10-07-001 (PDF)      |
| 3D Model (PDF) | Packaging Specification PK-6373-001-000 (PDF) |
| Drawing (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            | 800753589834                    |

Physical

|                                |                           |
|--------------------------------|---------------------------|
| Breakaway                      | No                        |
| Circuits (Loaded)              | 22                        |
| Circuits (maximum)             | 22                        |
| Color - Resin                  | Natural (White)           |
| Durability (mating cycles max) | 25                        |
| First Mate / Last Break        | No                        |
| Flammability                   | 94V-0                     |
| Glow-Wire Capable              | No                        |
| Guide to Mating Part           | No                        |
| Lock to Mating Part            | Yes                       |
| Material - Metal               | Brass                     |
| Material - Plating Mating      | Tin                       |
| Material - Resin               | Nylon                     |
| Net Weight                     | 2.569/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

Not Reviewed

REACH SVHC

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

Halogen-Free

Status

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

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                              |
| <b>Material Info</b>                           |                                  |
| Engineering Number                             | A-6373-22A222                    |
| <b>Reference - Drawing Numbers</b>             |                                  |
| Packaging Specification                        | PK-6373-001-000                  |
| Product Specification                          | PS-10-07-001                     |
| Sales Drawing                                  | SD-6373-001-000, SD-6373-001-002 |
| Symbol/Footprint Data                          | SYM-22-23-2221                   |

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