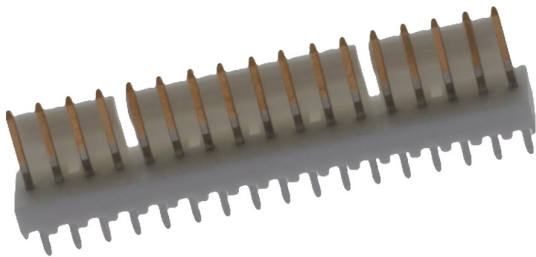




**Part Number :** [22112172](#)  
**Product Description :** KK 254 Solid Header, Vertical, with Friction Lock, 17 Circuits, Gold (Au) Plating  
**Series Number :** 6373  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** A-6373-17A241



## Documents & Resources

### Drawings

[022112172\\_sd.pdf](#)  
[PK-6373-001-000.pdf](#)

### 3D Models and Design Files

[022112172\\_stp.zip](#)  
[SYM-22-23-2171-001.zip](#)

### Specifications

[PS-10-07-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                   |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

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

#### EU RoHS Certificate of Compliance

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## Part Details

### General

|                |                                                                                   |
|----------------|-----------------------------------------------------------------------------------|
| Status         | Active                                                                            |
| Category       | PCB Headers and Receptacles                                                       |
| Series         | 6373                                                                              |
| Description    | KK 254 Solid Header, Vertical, with Friction Lock, 17 Circuits, Gold (Au) Plating |
| Application    | Signal, Wire-to-Board                                                             |
| Component Type | PCB Header                                                                        |
| Product Name   | KK 254                                                                            |
| UPC            | 800753625495                                                                      |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 500V |

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 17              |
| Circuits (maximum)             | 17              |
| Color - Resin                  | Natural (White) |
| Durability (mating cycles max) | 50              |

|                               |                           |
|-------------------------------|---------------------------|
| 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     | Gold                      |
| Material - Resin              | Nylon                     |
| Net Weight                    | 1.948/g                   |
| Number of Rows                | 1                         |
| Orientation                   | Vertical                  |
| Packaging Type                | Bag                       |
| PC Tail Length                | 3.56mm                    |
| PCB Locator                   | No                        |
| PCB Retention                 | None                      |
| PCB Thickness - Recommended   | 1.60mm                    |
| 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              |

## Solder Process Data

|                              |      |
|------------------------------|------|
| Max-Duration                 | 5    |
| Lead-Free Process Capability | WAVE |
| Max-Cycle                    | 1    |
| Max-Temp                     | 235  |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|-------------|-------------|
|-------------|-------------|

|                                  |             |
|----------------------------------|-------------|
| KK 254 Single Row Crimp Housings | <u>2695</u> |
| KK 254 PC Board Connector        | <u>4455</u> |
| KK 254 Receptacle Housings       | <u>7880</u> |

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This document was generated on Mar 09, 2025