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Part Number: [0022045042](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Solid Header, Vertical, with Friction Lock, 4 Circuits, Tin (Sn) Plating, Pin 2 Voided

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification PK-6373-001-000 (PDF) |
| Drawing (PDF) | Symbol Footprint Data SYM-22-23-2041 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-10-07-001 (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 | 822350420532 |

Physical

| | |
|--------------------------------|---------------------------|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 4 |
| 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 | 0.404/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 |
|-------------------------------|------|

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[6373 Series](#)

Mates With

[7880](#) Vertical Version, [4455](#) Vertical Version, Right Angle Version, and Bottom Entry Version, [6471](#) Vertical Version, [2695](#) Vertical Version, [7720](#) Right Angle Version

Voltage - Maximum 500V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005

Lead-free Process Capability WAVE

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 235

Material Info

Engineering Number A-6373-04A222-2

Reference - Drawing Numbers

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-22-23-2041

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