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Part Number:

0022284061

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, 6 Circuits, Tin (Sn) Plating, Mating Pin Length 8.13mm

Documents:

3D Model

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

|                                |  |                                       |
|--------------------------------|--|---------------------------------------|
| Agency Certification           |  |                                       |
| CSA                            |  | LR19980                               |
| UL                             |  | E29179                                |
| General                        |  |                                       |
| Product Family                 |  | PCB Headers                           |
| Series                         |  | 42375                                 |
| Application                    |  | Board-to-Board, Signal, Wire-to-Board |
| Overview                       |  | KK® Interconnect System - Molex       |
| Product Name                   |  | KK 254                                |
| UPC                            |  | 800754386494                          |
| Physical                       |  |                                       |
| Breakaway                      |  | Yes                                   |
| Circuits (Loaded)              |  | 6                                     |
| Circuits (maximum)             |  | 6                                     |
| Color - Resin                  |  | Black                                 |
| Durability (mating cycles max) |  | 25                                    |
| First Mate / Last Break        |  | No                                    |
| Flammability                   |  | 94V-0                                 |
| Glow-Wire Capable              |  | No                                    |
| Guide to Mating Part           |  | No                                    |
| Keying to Mating Part          |  | None                                  |
| Lock to Mating Part            |  | None                                  |
| Material - Metal               |  | Brass                                 |
| Material - Plating Mating      |  | Tin                                   |
| Material - Plating Termination |  | Tin                                   |
| Material - Resin               |  | High Temperature Thermoplastic        |
| Net Weight                     |  | 0.409/g                               |
| Number of Rows                 |  | 1                                     |
| Orientation                    |  | Vertical                              |
| PC Tail Length                 |  | 3.05mm                                |
| PCB Locator                    |  | No                                    |
| PCB Retention                  |  | None                                  |
| PCB Thickness - Recommended    |  | 1.60mm                                |
| Packaging Type                 |  | Bag                                   |
| Pitch - Mating Interface       |  | 2.54mm                                |
| Plating min - Mating           |  | 2.540µm                               |
| Plating min - Termination      |  | 2.540µm                               |
| Polarized to Mating Part       |  | No                                    |
| Polarized to PCB               |  | No                                    |
| Shrouded                       |  | No                                    |
| Stackable                      |  | No                                    |
| Surface Mount Compatible (SMC) |  | Yes                                   |
| Temperature Range - Operating  |  | See Product Specification             |
| Termination Interface: Style   |  | Through Hole                          |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

Halogen-Free

Status

Not 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

42375 Series

Mates With

KK Crimp Housing 2695 , 6471 , 7880 , KK

PC Board Connector 4455

**Electrical**

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

**Solder Process Data**

|                                                |      |
|------------------------------------------------|------|
| 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-42375-0111 |
|--------------------|--------------|

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-10-07-001 |
| Sales Drawing         | SD-42375-001 |

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