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Part Number:

0022287060

Status:

Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 254 Breakaway Header, Right-Angle, 6 Circuits, Tin (Sn) Plating, Mating Pin Length 9.17mm (.361"), with Kinked PC Tails

Documents:

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-10-07-001 \(PDF\)](#)

[Packaging Specification PK-40873-0041-001 \(PDF\)](#)

[Symbol Footprint Data SYM-22-28-6063-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                               |  |                                         |
|-------------------------------|--|-----------------------------------------|
| Agency Certification          |  |                                         |
| CSA                           |  | LR19980                                 |
| UL                            |  | E29179                                  |
| Application tooling part link |  |                                         |
| Application Tooling Part Link |  | 11-20-1230                              |
| General                       |  |                                         |
| Product Family                |  | PCB Headers                             |
| Series                        |  | 42376                                   |
| Application                   |  | Board-to-Board, Signal, Wire-to-Board   |
| Component Type                |  | PCB Header                              |
| Overview                      |  | <a href="#">KK Interconnect Systems</a> |
| Product Name                  |  | KK 254                                  |
| Taxonomy                      |  | PCB Headers and Receptacles             |
| UPC                           |  | 800754388801                            |

|                                |                                |
|--------------------------------|--------------------------------|
| Physical                       |                                |
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 6                              |
| Circuits (maximum)             | 6                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 0.451/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 3.43mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| 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) | No                             |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

[42376](#) Series

Mates With

KK Crimp Housing [2695](#) , [6471](#) , [7880](#) , KK PC Board Connector [4455](#)

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Temperature Range - Operating                  | See Product Specification          |
| Termination Interface: Style                   | Through Hole                       |
| <b>Electrical</b>                              |                                    |
| Current - Maximum per Contact                  | 4.0A                               |
| Voltage - Maximum                              | 500V                               |
| <b>Solder Process Data</b>                     |                                    |
| 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                             | 42376-0216                         |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Packaging Specification                        | PK-40873-0041-001                  |
| Product Specification                          | PS-10-07-001                       |
| Sales Drawing                                  | SD-42376-001-001, SD-42376-001-002 |
| Symbol/Footprint Data                          | SYM-22-28-6063-001                 |

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