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Part Number:

0022283294

Status:

Active

Overview:

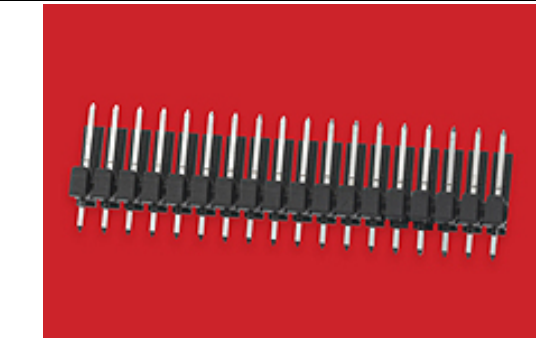
KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, with Polarizing Wall, 29 Circuits, 0.38µm Gold (Au) Selective Plating, with Kinked PC Tails

Replacement Part Number:

http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=002228029422-28-0294 see comments



Series image - Reference only

Documents:

3D Model

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

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                                                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                                                                                                                   |
| CSA                            | LR19980                                                                                                                                                                           |
| UL                             | E29179                                                                                                                                                                            |
| General                        |                                                                                                                                                                                   |
| Product Family                 | PCB Headers                                                                                                                                                                       |
| Series                         | 42225                                                                                                                                                                             |
| Application                    | Signal, Wire-to-Board                                                                                                                                                             |
| Application Tooling Part Link  | 11-20-1230                                                                                                                                                                        |
| Comments                       | Original part number has polarized backwall, Replacement has friction lock. Gold Point in FKL replacement is .180" vs Pol version .140", Tin in FKL is .135" vs Pol version .100" |
| Overview                       | KK® Interconnect System - Molex                                                                                                                                                   |
| Product Name                   | KK 254                                                                                                                                                                            |
| Replacement Part Number        | 22-28-0294 see comments                                                                                                                                                           |
| UPC                            | 800753819474                                                                                                                                                                      |
| Physical                       |                                                                                                                                                                                   |
| Breakaway                      | Yes                                                                                                                                                                               |
| Circuits (Loaded)              | 29                                                                                                                                                                                |
| Circuits (maximum)             | 29                                                                                                                                                                                |
| Color - Resin                  | Black                                                                                                                                                                             |
| Durability (mating cycles max) | 100                                                                                                                                                                               |
| Flammability                   | 94V-0                                                                                                                                                                             |
| Glow-Wire Capable              | No                                                                                                                                                                                |
| Lock to Mating Part            | None                                                                                                                                                                              |
| Material - Metal               | Brass                                                                                                                                                                             |
| Material - Plating Mating      | Gold                                                                                                                                                                              |
| Material - Plating Termination | Tin                                                                                                                                                                               |
| Material - Resin               | Nylon                                                                                                                                                                             |
| Net Weight                     | 4.070/g                                                                                                                                                                           |
| Number of Rows                 | 1                                                                                                                                                                                 |
| Orientation                    | Vertical                                                                                                                                                                          |
| PC Tail Length                 | 3.05mm                                                                                                                                                                            |
| PCB Locator                    | No                                                                                                                                                                                |
| PCB Retention                  | Yes                                                                                                                                                                               |
| PCB Thickness - Recommended    | 1.60mm                                                                                                                                                                            |
| Packaging Type                 | Bag                                                                                                                                                                               |
| Pitch - Mating Interface       | 2.54mm                                                                                                                                                                            |
| Plating min - Mating           | 0.381µm                                                                                                                                                                           |
| Plating min - Termination      | 2.540µm                                                                                                                                                                           |
| Polarized to Mating Part       | Yes                                                                                                                                                                               |
| Polarized to PCB               | No                                                                                                                                                                                |
| Shrouded                       | Partial                                                                                                                                                                           |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

42225 Series

Mates With

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

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Stackable                                      | No                             |
| 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                             | 42225-0169                     |
| <b>Reference - Drawing Numbers</b>             |                                |
| Product Specification                          | PS-10-07-001                   |
| Sales Drawing                                  | SD-42225-001, SD-42225-001-002 |

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