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Part Number:

0038001428

Status:

Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 254 PC Board Connector, Top Entry, 8 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

[Product Specification PS-99020-0088-001 \(PDF\)](#)

[Packaging Specification PK-44646-001-001 \(PDF\)](#)

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

|                      |  |                                         |
|----------------------|--|-----------------------------------------|
| Agency Certification |  |                                         |
| CSA                  |  | LR19980                                 |
| UL                   |  | E29179                                  |
| General              |  |                                         |
| Product Family       |  | PCB Receptacles                         |
| Series               |  | <a href="#">4455</a>                    |
| Application          |  | Board-to-Board, Signal                  |
| Component Type       |  | PCB Receptacle                          |
| Overview             |  | <a href="#">KK Interconnect Systems</a> |
| Product Name         |  | KK 254                                  |
| Taxonomy             |  | PCB Headers and Receptacles             |
| UPC                  |  | 800753731370                            |

|                                |  |                           |
|--------------------------------|--|---------------------------|
| Physical                       |  |                           |
| Circuits (Loaded)              |  | 8                         |
| Circuits (maximum)             |  | 8                         |
| Color - Resin                  |  | Natural (White)           |
| Flammability                   |  | 94V-0                     |
| Glow-Wire Capable              |  | No                        |
| Guide to Mating Part           |  | No                        |
| Keying to Mating Part          |  | None                      |
| Lock to Mating Part            |  | No                        |
| Material - Metal               |  | Phosphor Bronze           |
| Material - Plating Mating      |  | Tin                       |
| Material - Plating Termination |  | Tin                       |
| Material - Resin               |  | Nylon                     |
| Net Weight                     |  | 0.866/g                   |
| Number of Rows                 |  | 1                         |
| Orientation                    |  | Vertical                  |
| PC Tail Length                 |  | 3.30mm                    |
| PCB Locator                    |  | No                        |
| PCB Retention                  |  | None                      |
| PCB Thickness - Recommended    |  | 1.60mm                    |
| Packaging Type                 |  | Tray                      |
| Pitch - Mating Interface       |  | 2.54mm                    |
| Pitch - Termination Interface  |  | 2.54mm                    |
| Plating min - Mating           |  | 1.016µm                   |
| Plating min - Termination      |  | 1.016µm                   |
| Polarized to PCB               |  | No                        |
| Temperature Range - Operating  |  | See Product Specification |
| Termination Interface: Style   |  | Through Hole              |

|                               |  |      |
|-------------------------------|--|------|
| Electrical                    |  |      |
| Current - Maximum per Contact |  | 2.5A |
| Grounding to PCB              |  | 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                                                        |               |
| 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

[4455](#) Series

Mates With

KK Header [4094](#) , [42376](#) , [42375](#) , [42377](#) , [171856](#) , [171857](#) <br>SL Insulation Displacement Connector [70475](#)

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| 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                             | A-4455-CZ08C(P909)              |
| <b>Reference - Drawing Numbers</b>             |                                 |
| Packaging Specification                        | PK-44646-001-001                |
| Product Specification                          | PS-10-07-001, PS-99020-0088-001 |
| Sales Drawing                                  | SDA-4455-001                    |

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