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Part Number:

0038001435

Status:

Active

Overview:

KK Interconnect Solutions

Description:

KK 254 PC Board Connector, Top Entry, 15 Circuits

|                                                          |                                                                |
|----------------------------------------------------------|----------------------------------------------------------------|
| Documents:                                               |                                                                |
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-99020-0088-001 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Packaging Specification PK-44646-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                           | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-10-07-001 (PDF)</a> |                                                                |

Agency Certification

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

General

|                |                           |
|----------------|---------------------------|
| Product Family | PCB Receptacles           |
| Series         | 4455                      |
| Application    | Board-to-Board, Signal    |
| Overview       | KK Interconnect Solutions |
| Product Name   | KK 254                    |
| UPC            | 800753731479              |

Physical

|                                |                           |
|--------------------------------|---------------------------|
| Circuits (Loaded)              | 15                        |
| Circuits (maximum)             | 15                        |
| 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                     | 1.612/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   |
| Voltage - Maximum             | 500V |

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

Halogen-Free

Status

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

[4455 Series](#)

Mates With

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

|                                                |                                 |
|------------------------------------------------|---------------------------------|
| 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-CZ15C(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, SDA-4455-002      |

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