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**Part Number:** [0038001404](#)  
**Status:** **Active**  
**Overview:** [KK Interconnect Systems](#)  
**Description:** KK 254 PC Board Connector, Bottom Entry, with Cat Ear Terminal, 14 Circuits

**Documents:**  
[3D Model](#) [Product Specification PS-99020-0088-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Packaging Specification PK-44646-001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-10-07-001 \(PDF\)](#)

**Agency Certification**  
CSA LR19980  
UL E29179

**General**  
Product Family PCB Receptacles  
Series [4455](#)  
Application Board-to-Board, Signal  
Overview [KK Interconnect Systems](#)  
Product Name KK 254  
Taxonomy PCB Headers and Receptacles  
UPC 800753584846

**Physical**  
Circuits (Loaded) 14  
Circuits (maximum) 14  
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 1.697/g  
Number of Rows 1  
Orientation Bottom Entry  
PC Tail Length 3.60mm  
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



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 [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](#) ,  
[4030](#) , [171856](#) , [171857](#)

**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-4455-BH14F(P909) |
|--------------------|--------------------|

**Reference - Drawing Numbers**

|                         |                                 |
|-------------------------|---------------------------------|
| 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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