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Part Number: **0022182103**
Status: **Active**
Overview: KK Interconnect Systems
Description: KK 254 PC Board Connector, Top Entry, with Cat Ear Terminal, 0.50µm Gold (Au), 10 Circuits, with Hooks

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-10-07-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-44646-001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

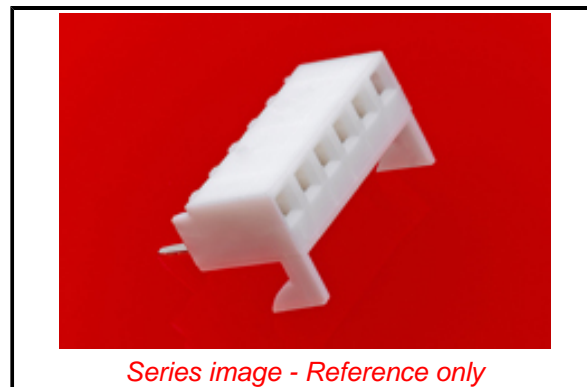
| | |
|----------------|--------------------------------|
| Product Family | PCB Receptacles |
| Series | <u>4455</u> |
| Application | Board-to-Board, Signal |
| Comments | With Hooks |
| Overview | <u>KK Interconnect Systems</u> |
| Product Name | KK 254 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 800753590052 |

Physical

| | |
|--------------------------------|---------------------------|
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Nylon |
| Net Weight | 1.059/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length | 3.35mm |
| 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 | 0.508µm |
| Plating min - Termination | 0.051µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | 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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[4455 Series](#)

Mates With

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

Voltage - Maximum 500V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005

Lead-free Process Capability WAVE

Max. Cycles at Max. Process Temperature 001

Process Temperature max. C 235

Material Info

Engineering Number A-4455-CZ10A(565)

Reference - Drawing Numbers

Packaging Specification PK-44646-001-001

Product Specification PS-10-07-001

Sales Drawing SDA-4455-001

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