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Part Number: [0448120006](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 254 PC Board Connector, Low Profile, 5.08µm Tin (Sn), 6 Circuits

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-44812-001-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-44812-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 44812 |
| Application | Board-to-Board, Power |
| Overview | KK Interconnect Solutions |
| Product Name | KK 254 |
| UPC | 756054462287 |

Physical

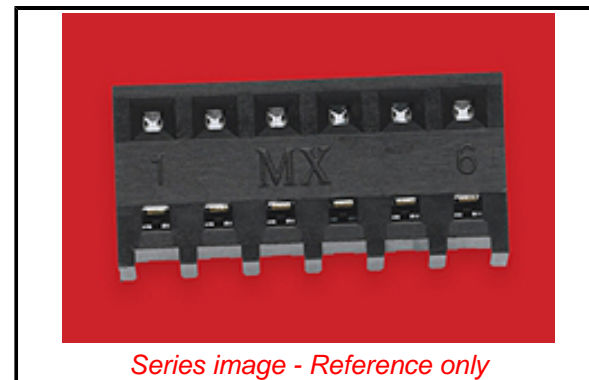
| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Material - Metal | High Performance Alloy (HPA) |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 0.774/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm |
| Plating min - Mating | 5.080µm |
| Plating min - Termination | 5.080µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | See Product Specification |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
| 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 | 250 |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Not 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

[44812](#) Series

Mates With

[42153](#) , [4094](#) , [42376](#) , [42375](#) , [42377](#) ,
[42152](#) , [4030](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-44812-001-001

Product Specification

PS-44812-001-001

Sales Drawing

SD-44812-001-001

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