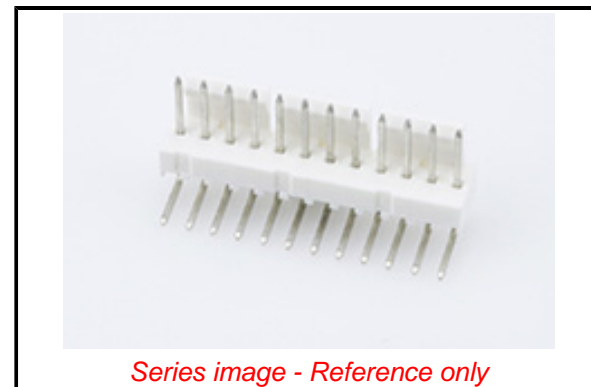


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Part Number: [0022053121](#)
Status: **Active**
Overview: [KK Interconnect Solutions](#)
Description: KK 254 Solid Header, Right-Angle, with Friction Lock, 12 Circuits, Tin (Sn) Plating

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification PK-7478-001-000 (PDF) |
| 3D Model (PDF) | Symbol Footprint Data SYM-22-05-3121-001 (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-10-07-001 (PDF) | |



Series image - Reference only

Agency Certification

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

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 7478 |
| Application | Signal, Wire-to-Board |
| Overview | KK Interconnect Solutions |
| Product Name | KK 254 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 800753644953 |

Physical

| | |
|--------------------------------|---------------------------|
| Breakaway | No |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| Color - Resin | Natural (White) |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 1.600/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PC Tail Length | 3.58mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Bag |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 5.080µm |
| Plating min - Termination | 5.080µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Partial |
| Stackable | Yes |
| Temperature Range - Operating | See Product Specification |
| Termination Interface: Style | Through Hole |

Electrical

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

[7478 Series](#)

Mates With

[2695](#) , [6471](#) , [7880](#) , [4455](#) , [7720](#)

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| 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 | 235 |

Material Info

| | |
|--------------------|---------------|
| Engineering Number | A-7478-12A222 |
|--------------------|---------------|

Reference - Drawing Numbers

| | |
|-------------------------|--------------------|
| Packaging Specification | PK-7478-001-000 |
| Product Specification | PS-10-07-001 |
| Sales Drawing | SDA-7478-000 |
| Symbol/Footprint Data | SYM-22-05-3121-001 |

This document was generated on 09/26/2022

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