

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022053121

Status:

Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 254 Solid Header, Right-Angle, with Friction Lock, 12 Circuits, Tin (Sn) Plating

Documents:

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[Product Specification PS-10-07-001 \(PDF\)](#)

[Packaging Specification PK-7478-001-000 \(PDF\)](#)

[Symbol Footprint Data SYM-22-05-3121-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Headers

7478

Signal, Wire-to-Board

PCB Header

[KK Interconnect Systems](#)

KK 254

PCB Headers and Receptacles

800753644953

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

12

12

Natural (White)

25

94V-0

No

Yes

Brass

Tin

Tin

Nylon

1.600/g

1

Right Angle

3.58mm

No

None

1.60mm

Bag

2.54mm

2.54mm

5.080µm

5.080µm

Yes

Yes

Partial

Yes

See Product Specification

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

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

Green Image

Not Relevant

Not Contained

Search Parts in this Series

7478 Series

Mates With

2695 , 6471 , 7880 , 4455 , 7720

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 500V |

**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-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 |

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