



**Part Number :** [22122024](#)

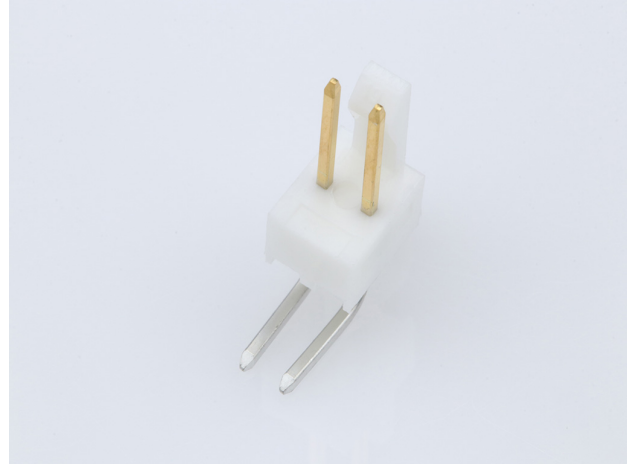
**Product Description :** KK 254 Solid Header, Right-Angle, with Friction Lock, 2 Circuits, 0.51µm Gold (Au) Plating

**Series Number :** 7478

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Number :** A-7478-02A241



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## Documents & Resources

### Drawings

[Drawing 022122024\\_sd.pdf](#)

[Packaging Design Drawing PK-7478-001-000.pdf](#)

### 3D Models and Design Files

[3D Model 022122024\\_stp.zip](#)

[3D Model PDF 022122024.pdf](#)

[Symbol Footprint Data SYM-22-05-3021-001.zip](#)


### Specifications

[Product Specification PS-10-07-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS

- REACH SVHC

- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	7478
Description	KK 254 Solid Header, Right-Angle, with Friction Lock, 2 Circuits, 0.51µm Gold (Au) Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800753592179

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2

Color - Resin	Natural (White)
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	0.252/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PC Tail Length	3.58mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	Yes
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

### Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	<u>2695</u>
KK 254 PC Board Connector	<u>4455</u>
KK 254 Receptacle Housings	<u>7880</u>

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