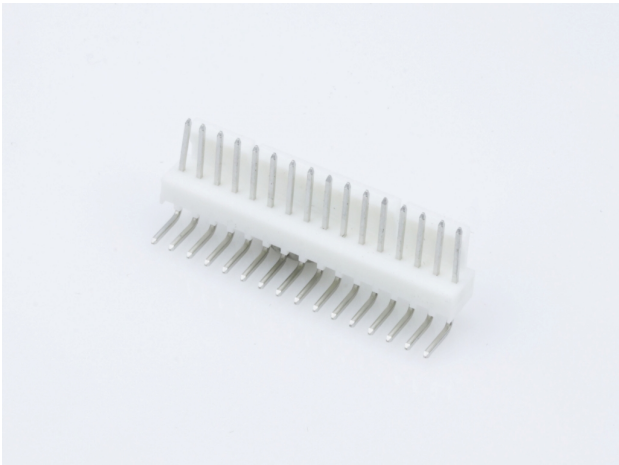




**Part Number :** [22053161](#)  
**Product Description :** KK 254 Solid Header,  
Right-Angle, with Friction Lock, 16 Circuits, Tin  
(Sn) Plating  
**Series Number :** 7478  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles  
**Engineering Number :** A-7478-16A222



Documents & Resources


Drawings  
[022053161\\_sd.pdf](#)  
[PK-7478-001-000.pdf](#)

3D Models and Design Files  
[022053161\\_stp.zip](#)  
[SYM-22-05-3161-001.zip](#)

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
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, 16 Circuits, Tin (Sn) Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	800753644960

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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 - Resin	Nylon
Net Weight	2.137/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
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>