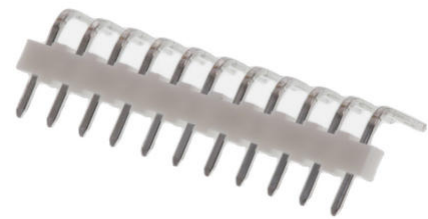




**Part Number :** [22052111](#)  
**Product Description :** KK 254 Wire-to-Board Header, Single Row, Right-Angle, 11 Circuits, PA Polyamide Nylon, Tin (Sn) Plating  
**Series Number :** 4094  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** A-4094-11A197



## Documents & Resources

### Drawings

[022052111\\_sd.pdf](#)  
[PK-4094-001-001.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)  
[SYM-22-05-2111-001.zip](#)

### Specifications

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

---

## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	4094
Description	KK 254 Wire-to-Board Header, Single Row, Right-Angle, 11 Circuits, PA Polyamide Nylon, Tin (Sn) Plating
Application	Board-to-Board, Signal, Wire-to- Board
Component Type	PCB Header
Product Name	KK 254
UPC	800753739734

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

## Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Natural (White)
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.887/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.15mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
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

---

### 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>

---

This document was generated on Sep 14, 2025