



Part Number : [1718570008](#)

Product Description : KK 254 RPC Right-Angle Header, 2.54mm Pitch, Friction Lock, Reflowed Matte Tin (Sn) Plating, 6.73mm Mating Pin Length, 2.54mm Tail Length, Bag, 8 Circuits

Series Number : 171857

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[1718570008 sd.pdf](#)

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

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-171857-0008-001.zip](#)


Specifications

[PS-171856-0001-001.pdf](#)

[PS-171856-0002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)7771-DC (04 Feb 2026)
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	171857
Description	KK 254 RPC Right-Angle Header, 2.54mm Pitch, Friction Lock, Reflowed Matte Tin (Sn) Plating, 6.73mm Mating Pin Length, 2.54mm Tail Length, Bag, 8 Circuits
Application	Wire-to-Board, Board-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	887191376554

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-1
Gender	Male
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Mounting Style	Through Hole
Net Weight	1.057/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.54mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partially Shrouded
Stackable	Yes
Temperature Range - Operating	-40° to +105°C

Termination Interface Style	Through Hole
-----------------------------	--------------

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

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>

This document was generated on May 27, 2026