Part Number : 1718573008
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, Tape and Reel, 8 Circuits
Series Number : 171857
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

1718573008_sd.pdf

PK-171857-0001-001.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	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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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, Tape and Reel, 8 Circuits
Application	Wire-to-Board, Board-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	887191716350

Agency

CSA	LR19980
UL	E29179

Electrical

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

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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	Embossed Tape on Reel
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

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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	2695
KK 254 PC Board Connector	4455

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