Part Number : 879370502
Product Description : KK 254 PCB Header, Single Row Dual Body, Through Hole, Vertical, 5 Circuits, 2.50µm Tin (Sn) Plating, 11.00mm Stacking Height, Tray Packaging, Lead-Free
Series Number : 87937
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

879370502_sd.pdf

PK-89990-489-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-87920-019-001.pdf

879200000-TS-000.pdf

879200001-TS-000.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

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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	87937
Description	KK 254 PCB Header, Single Row Dual Body, Through Hole, Vertical, 5 Circuits, 2.50µm Tin (Sn) Plating, 11.00mm Stacking Height, Tray Packaging, Lead-Free
Application	Board-to-Board, Wire-to-Board
Component Type	PCB Header
Product Name	KK 254
UPC	822350104937

Agency

CSA	LR19880
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

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Physical

Breakaway	Yes
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	No
Mated Height	3.78mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	0.364/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.76mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Unshrouded
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

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Solder Process Data

Max-Duration	14
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	265

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 PC Board Connector	4455
SL Single Row Female Insulation Displacement Connector Assemblies	70400
C-Grid III Vertical Single Row PC Board Connectors	90147
C-Grid III Right-Angle Single Row PC Board Connectors	90148

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