



Part Number : 879370800

Series Number : 87937

Product Category : PCB Headers and Receptacles

Product Description : KK 254 PCB Header, Single Row Dual Body, Through Hole, Vertical, 8 Circuits, 2.50µm Tin (Sn) Plating, 12.00mm Stacking Height, Tray Packaging, Lead-Free

Status : Active

Documents & Resources

Drawings

- Drawing 879370800_sd.pdf
- Packaging Design Drawing PK-89990-489-001.pdf

3D Models and Design Files


- 3D Model 879370800_stp.zip

Specifications

- Product Specification PS-87920-019-001.pdf
- Test Summary 879200000-TS-000.pdf
- Test Summary 879200001-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	87937
Description	KK 254 PCB Header, Single Row Dual Body, Through Hole, Vertical, 8 Circuits, 2.50µm Tin (Sn) Plating, 12.00mm Stacking Height, Tray Packaging, Lead-Free
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800756898636

Agency

CSA	LR19880
UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
First Mate / Last Break	No

Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	9.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	0.841/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.270µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

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