Part Number : 448120002
Product Description : KK 254 PC Board Connector, Low Profile, 5.08µm Tin (Sn), 2 Circuits
Series Number : 44812
Status : Obsolete
Product Category : PCB Headers and Receptacles



Obsolete

Documents & Resources

Drawings

448120002_sd.pdf

448120002_stp.zip

Specifications

PS-44812-001-001.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	Not 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	Obsolete
Category	PCB Headers and Receptacles
Series	44812
Description	KK 254 PC Board Connector, Low Profile, 5.08µm Tin (Sn), 2 Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Name	KK 254
UPC	756054462249

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	500V

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No

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Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.258/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	No
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	250

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Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Single Row Vertical Headers	4030
KK 254 Single Row Right-Angle Headers	4094
KK 254 Vertical Breakaway Headers with Friction Lock	42375
KK 254 Right-Angle Breakaway Headers	42376

KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	42377

This document was generated on Sep 24, 2025

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