molex

Part Number: 22285101

Product Description: KK 254 Breakaway Header, Vertical, 10 Circuits, Tin (Sn) Plating, Mating Pin Length 8.13mm, with Kinked PC

Tails

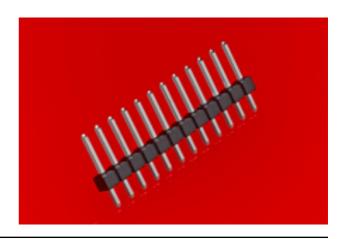
Series Number: 42375

Status: Active

Product Category: PCB Headers and

Receptacles

Engineering Number: 42375-0430



Documents & Resources

Drawings

<u>022285101_sd.pdf</u> PK-40873-0041-001.pdf

3D Models and Design Files

022285101_stp.zip

Specifications

PS-10-07-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	©
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2- 21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	42375
Description	KK 254 Breakaway Header, Vertical, 10 Circuits, Tin (Sn) Plating, Mating Pin Length 8.13mm, with Kinked PC Tails
Application	Board-to-Board, Signal, Wire-to- Board
Component Type	PCB Header
Product Name	KK 254
UPC	800753794573

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

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Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	25

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
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.728/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	2.540μm
Plating min - Termination	2.540μm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	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	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	<u>2695</u>
KK 254 Receptacle Housings	7880
KK 254 PC Board Connector	4455
2.54mm Pitch C-Grid Shunt Terminal Housings	7859

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