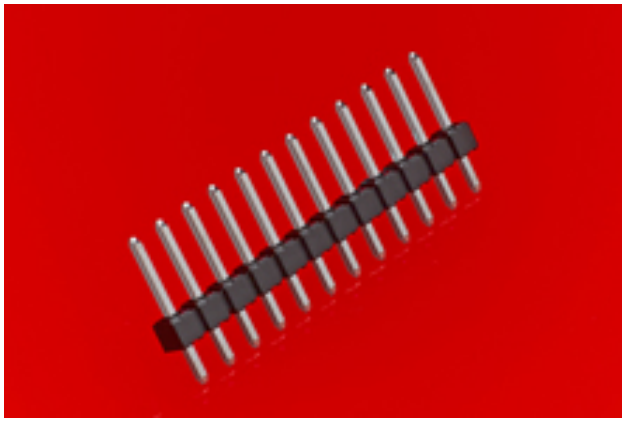
Part Number : 22284028
Product Description : KK 254 Breakaway Header, Vertical, 2 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 7.49mm
Series Number : 42375
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : A 42375-0282



Documents & Resources

Drawings
Drawing_022284028_sd.pdf
Packaging Design Drawing_PK-40873-0041-001.pdf

3D Models and Design Files
3D Model_022284028_stp.zip

Specifications
Product Specification_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)4144-DC (27 June 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, 2 Circuits, 0.76µm Gold (Au) Selective Plating, Mating Pin Length 7.49mm
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	KK Interconnect Systems
Product Name	KK 254
UPC	800753524590

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black

Durability (mating cycles max)	100
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.143/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762µm
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Single Row Crimp Housings	2695

KK 254 Receptacle Housings	7880
KK 254 PC Board Connector	4455
2.54mm Pitch C-Grid Shunt Terminal Housings	7859

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