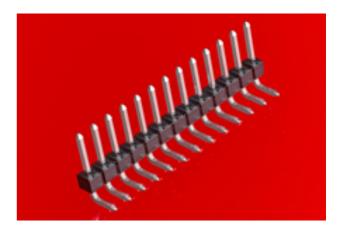


**Part Number : 22287032** 

**Product Description :** KK 254 Breakaway Header, Right-Angle, 3 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Mating Pin Length 9.17mm (.361"), with Kinked PC Tails

Series Number: 42376

Status : Active Product Category : PCB Headers and Receptacles Engineering Number : 42376-0248



#### **Documents & Resources**

# Drawings

022287032\_sd.pdf PK-40873-0041-001.pdf

3D Models and Design Files 022287032\_stp.zip SYM-22-28-6033-001.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	42376
Description	KK 254 Breakaway Header, Right- Angle, 3 Circuits, 0.38μm (15μ") Gold (Au) Selective Plating, Mating Pin Length 9.17mm (.361"), with Kinked PC Tails
Application	Board-to-Board, Signal, Wire-to- Board
Component Type	PCB Header
Product Name	KK 254
UPC	800753805316

## Agency

CSA	LR19980
UL	E29179

#### Electrical

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

## Physical

Breakaway	Yes
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	25

Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.225/g
Number of Rows	1
Orientation	Right Angle
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	0.381µm
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	2695

KK 254 PC Board Connector	4455
KK 254 Receptacle Housings	7880

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