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**Part Number:** [0022284175](#)  
**Status:** **Active**  
**Overview:**  
**Description:** KK 254 Breakaway Header, Vertical, 17 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 7.49mm

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">42375</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	kk_interconnect_solutions
Product Name	KK 254
UPC	800753833555

**Physical**

Breakaway	Yes
Circuits (Loaded)	17
Circuits (maximum)	17
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	1.141/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole

**Electrical**

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

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[42375](#) Series

**Mates With**

KK Crimp Housing [2695](#) , [6471](#) , [7880](#) , KK  
PC Board Connector [4455](#)

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info**

Engineering Number	42375-0262
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**Reference - Drawing Numbers**

Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42375-001-001, SD-42375-001-002

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