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Part Number:

0022284053

Status:

Active

Overview:

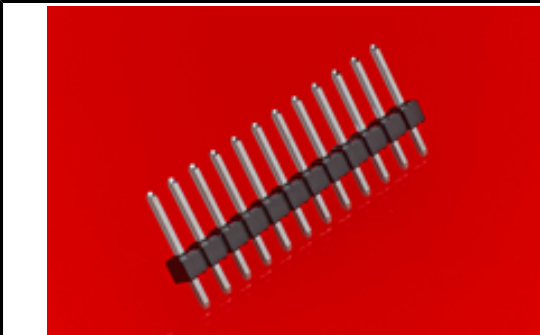
[KK Interconnect Solutions](#)

Description:

KK 254 Breakaway Header, Vertical, 5 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 6.09mm

Documents:	
3D Model	Product Specification PS-10-07-001 (PDF)
3D Model (PDF)	Packaging Specification PK-40873-0041-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	42375
Application	Board-to-Board, Signal, Wire-to-Board
Overview	KK Interconnect Solutions
Product Name	KK 254
Taxonomy	PCB Headers and Receptacles
UPC	800754319195
Physical	
Breakaway	Yes
Circuits (Loaded)	5
Circuits (maximum)	5
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	0.308/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.18mm
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
42375 Series

Mates With
KK 254 Crimp Housing 2695 , 7880 . KK 254 Top-Entry PCB Receptacle 4455 . C-Grid Shunt Terminal Housing 7859

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	4.0A
Voltage - Maximum	500V
Solder Process Data	
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	42375-0040
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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