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Part Number:

0022284043

Status:

Active

Overview:

KK Interconnect Solutions

Description:

KK 254 Breakaway Header, Vertical, 4 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 6.09mm

Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification PS-10-07-001 (PDF)

Packaging Specification PK-40873-0041-001 (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	800754386197	
Physical		
Breakaway	Yes	
Circuits (Loaded)	4	
Circuits (maximum)	4	
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	0.244/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

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Not Low-Halogen

Status

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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	42375-0039
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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