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Part Number:

0022284041

Status:

Active

Overview:

KK Interconnect Systems

Description:

KK 254 Breakaway Header, Vertical, 4 Circuits, Tin (Sn) Plating, Mating Pin Length 8.13mm

Documents:

3D Model

Drawing (PDF)

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 Systems
Product Name		KK 254
Taxonomy		PCB Headers and Receptacles
UPC		800754386166

Physical		
Breakaway		Yes
Circuits (Loaded)		4
Circuits (maximum)		4
Color - Resin		Black
Durability (mating cycles max)		25
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		Tin
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		0.272/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		2.540µm
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	235
Material Info	
Engineering Number	42375-0109
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

This document was generated on 10/10/2022

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