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Part Number:

0022289102

Status:

Active

Overview:

KK Interconnect Solutions

Description:

KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 10 Circuits, 0.38µm Gold (Au) Selective Plating, Mating Pin Length 6.20mm, with Kinked PC Tails



Series image - Reference only

Documents:	
3D Model	Packaging Specification PK-40873-0041-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-22-28-8101-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-10-07-001 (PDF)	

Agency Certification		
CSA		LR19980
UL		E29179
Application tooling part link		
Application Tooling Part Link		11-20-1230
General		
Product Family		PCB Headers
Series		42377
Application		Board-to-Board, Signal, Wire-to-Board
Overview		KK Interconnect Solutions
Product Name		KK 254
UPC		800753822566
Physical		
Breakaway		Yes
Circuits (Loaded)		10
Circuits (maximum)		10
Color - Resin		Black
Durability (mating cycles max)		100
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		None
Material - Metal		Brass
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		0.748/g
Number of Rows		1
Orientation		Right Angle
PC Tail Length		3.43mm
PCB Locator		No
PCB Retention		Yes
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		Yes
Polarized to PCB		No
Shrouded		Partial
Stackable		No
Surface Mount Compatible (SMC)		Yes
Temperature Range - Operating		See Product Specification

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[42377 Series](#)

Mates With

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

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	42377-0220
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0041-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42377-001-000, SD-42377-001-002
Symbol/Footprint Data	SYM-22-28-8101-001

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