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Part Number:

0022288200

Status:

Active

Overview:

[KK Interconnect Systems](#)

Description:

KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 20 Circuits, Tin (Sn) Plating, Mating Pin Length 6.20mm



Series image - Reference only

Documents:	
3D Model	Packaging Specification PK-40873-0041-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-22-28-8201-001 (PDF)
3D Model (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
Component Type		PCB Header
Overview		KK Interconnect Systems
Product Name		KK 254
Taxonomy		PCB Headers and Receptacles
UPC		800753755710
Physical		
Breakaway		Yes
Circuits (Loaded)		20
Circuits (maximum)		20
Color - Resin		Black
Durability (mating cycles max)		25
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		None
Material - Metal		Brass
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		1.704/g
Number of Rows		1
Orientation		Right Angle
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		Yes
Polarized to PCB		No
Shrouded		Partial
Stackable		No

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

[42377](#) Series

Mates With

KK 254 Crimp Housing [2695](#) , [7880](#) . KK 254 Top-Entry PCB Receptacle [4455](#) . C-Grid Shunt Terminal Housing [7859](#)

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	
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	42377-0020
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-22-28-8201-001

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