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Part Number:

0022281047

Status:

Active

Overview:

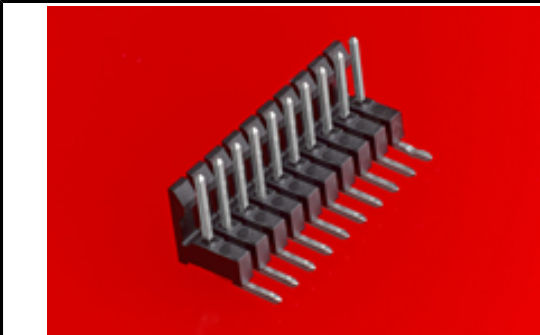
KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Right-Angle with Friction Lock, 4 Circuits, 0.38µm Gold (Au) Selective Plating, with Backwalls Removed

Documents:	
3D Model	Product Specification PS-10-07-001 (PDF)
3D Model (PDF)	Packaging Specification PK-40873-0056-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
Application tooling part link	
Application Tooling Part Link	11-20-1230
General	
Product Family	PCB Headers
Series	42228
Application	Signal, Wire-to-Board
Comments	Backwalls Removed
Overview	KK® Interconnect System - Molex
Product Name	KK 254
UPC	800753800175
Physical	
Breakaway	Yes
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	0.578/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	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ECHA_01_2020 (16 January 2020)	
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

42228 Series

Mates With

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

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	42228-0249
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Reference - Drawing Numbers

Packaging Specification	PK-40873-0056-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42228-002-001

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