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Part Number:

0022280034

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, with Friction Lock, 3 Circuits, 0.38µm Gold (Au) Selective Plating, with Kinked PC Tails

Documents:

3D Model

Drawing (PDF)

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

Packaging Specification PK-40873-0056-001 (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	42227	
Application	Signal, Wire-to-Board	
Overview	KK® Interconnect System - Molex	
Product Name	KK 254	
UPC	800753787339	
Physical		
Breakaway	Yes	
Circuits (Loaded)	3	
Circuits (maximum)	3	
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	0.392/g	
Number of Rows	1	
Orientation	Vertical	
PC Tail Length	3.05mm	
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	No	
Polarized to PCB	No	
Shrouded	No	
Stackable	No	
Temperature Range - Operating	See Product Specification	
Termination Interface: Style	Through Hole	

Electrical



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

42227 Series

Mates With

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

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	42227-0143
Reference - Drawing Numbers	
Packaging Specification	PK-40873-0056-001
Product Specification	PS-10-07-001
Sales Drawing	SD-42227-001, SD-42227-001-002

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