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Part Number:

0022288210

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Right-Angle Surface Mount Compatible, 21 Circuits, Tin (Sn) Plating, Mating Pin Length 6.20mm

Documents:

3D Model

Drawing (PDF)

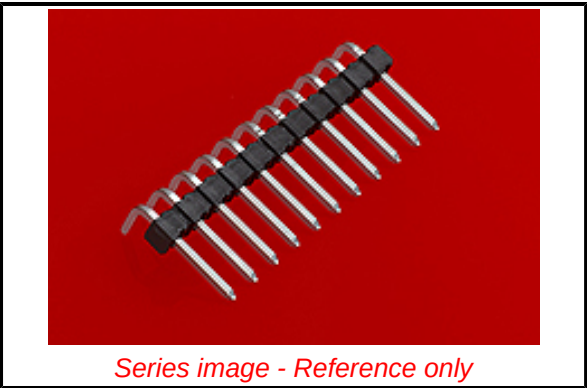
Product Specification PS-10-07-001 (PDF)

Packaging Specification PK-40873-0041-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA	LR19980	
UL	E29179	
General		
Product Family	PCB Headers	
Series	42377	
Application	Board-to-Board, Signal, Wire-to-Board	
Application Tooling Part Link	11-20-1230	
Overview	KK® Interconnect System - Molex	
Product Name	KK 254	
UPC	800753816664	
Physical		
Breakaway	Yes	
Circuits (Loaded)	21	
Circuits (maximum)	21	
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	1.755/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	
Surface Mount Compatible (SMC)	Yes	
Temperature Range - Operating	See Product Specification	
Termination Interface: Style	Through Hole	

Electrical



EU ELV	
Not Relevant	
EU RoHS	China RoHS
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Not Reviewed	
For more information, please visit Contact US	
China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

42377 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	42377-0021
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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

This document was generated on 10/31/2018

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