

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0022283120

Status:

Active

Overview:

KK® Interconnect System - Molex

Description:

KK 254 Breakaway Header, Vertical, with Polarizing Wall, 12 Circuits, Tin (Sn) Plating

Replacement Part Number:

http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=002228012022-28-0120 see comments

Documents:

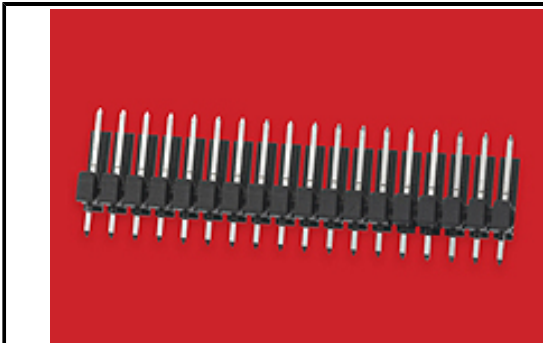
3D Model

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	42225
Application	Signal, Wire-to-Board
Application Tooling Part Link	11-20-1230
Comments	Original part number has polarized backwall, Replacement has friction lock, same diminsions and plating
Overview	KK® Interconnect System - Molex
Product Name	KK 254
Replacement Part Number	22-28-0120 see comments
UPC	800753815971
Physical	
Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
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	Nylon
Net Weight	1.464/g
Number of Rows	1
Orientation	Vertical
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
Temperature Range - Operating	See Product Specification



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/61/2018 (27 June

2018)

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

42225 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	42225-0012
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SD-42225-001, SD-42225-001-002

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Mouser Electronics

Authorized Distributor

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Molex:

22-28-3120