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Part Number: [0022283151](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Vertical, with Polarizing Wall, 15 Circuits, 0.38µm Gold (Au) Selective Plating
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=002228015122-28-0151> see comments

Documents:

[3D Model](#) [Product Specification PS-10-07-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

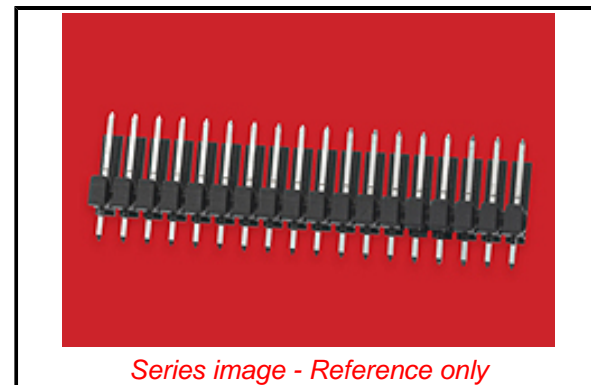
CSA LR19980
 UL E29179

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. Gold Point in FKL replacement is .180" vs Pol version .140", Tin in FKL is .135" vs Pol version .100"
[Overview](#) [KK® Interconnect System - Molex](#)
 Product Name KK 254
 Replacement Part Number [22-28-0151](#) see comments
 UPC 800753816572

Physical

Breakaway Yes
 Circuits (Loaded) 15
 Circuits (maximum) 15
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 2.046/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.43mm
 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



EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42225](#) Series

Mates With

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

| | |
|--|--------------------------------|
| Stackable | No |
| 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-free Process Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 235 |
| Material Info | |
| Engineering Number | 42225-0050 |
| Reference - Drawing Numbers | |
| Product Specification | PS-10-07-001 |
| Sales Drawing | SD-42225-001, SD-42225-001-002 |

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