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Part Number: [0022283174](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: KK 254 Breakaway Header, Vertical, with Polarizing Wall, 17 Circuits, 0.38µm Gold (Au) Selective Plating, with Kinked PC Tails
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=002228017422-28-0174> see comments

Documents:

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

Agency Certification

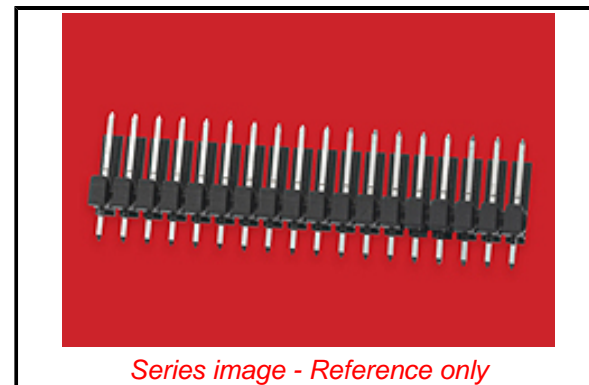
CSA LR19980
 UL E29179

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 [22-28-0174](#) see comments
 UPC 800753816909

Physical

Breakaway Yes
 Circuits (Loaded) 17
 Circuits (maximum) 17
 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 2.163/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.43mm
 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 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	42225-0157
Reference - Drawing Numbers	
Product Specification	PS-10-07-001
Sales Drawing	SD-42225-001, SD-42225-001-002

This document was generated on 09/18/2018

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