

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **22-28-4030**  
**Status:** **Active**  
**Overview:** KK® Interconnect System - Molex  
**Description:** KK® 254 Breakaway Header, Vertical, 3 Circuits, Tin (Sn) Plating, Mating Pin Length 6.09mm

**Documents:**

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

**Agency Certification**

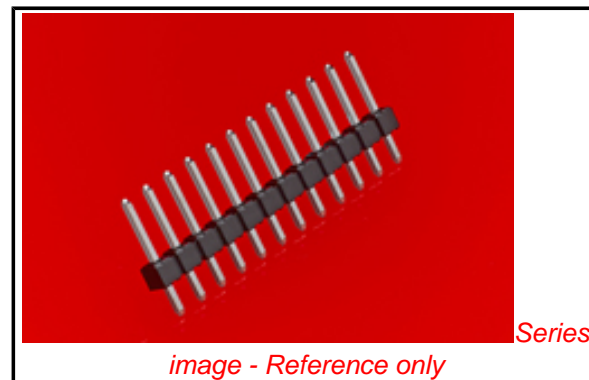
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series 42375  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview KK® Interconnect System - Molex  
 Product Name KK® 254  
 UPC 800754385848

**Physical**

Breakaway Yes  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.183/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.18mm  
 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 No  
 Polarized to PCB No  
 Shrouded No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole



**EU RoHS**

**ELV and RoHS  
 Compliant**

**REACH SVHC  
 Contains SVHC: No  
 Low-Halogen Status  
 Not Low-Halogen**

**China RoHS**



**Mates With**

KK® Crimp Housing 2695 , 6471 , 7880 ,  
 KK® PC Board Connector 4455

**Electrical**

Current - Maximum per Contact	4A
Voltage - Maximum	250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

**Material Info**

Old Part Number	42375-0003
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**Reference - Drawing Numbers**

Product Specification	PS-10-07
Sales Drawing	SD-42375-001