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**Part Number:** [22-28-0052](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 2.54mm Pitch KK® Header, Breakaway, Vertical, with Friction Lock, 5 Circuits, 0.76µm Gold (Au) Selective Plating

**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 [42227](#)  
 Application Signal, Wire-to-Board  
 Application Tooling Part Link 11-20-1230  
 Overview [KK® Interconnection System](#)  
 Product Name KK®  
 UPC 800753788862

**Physical**

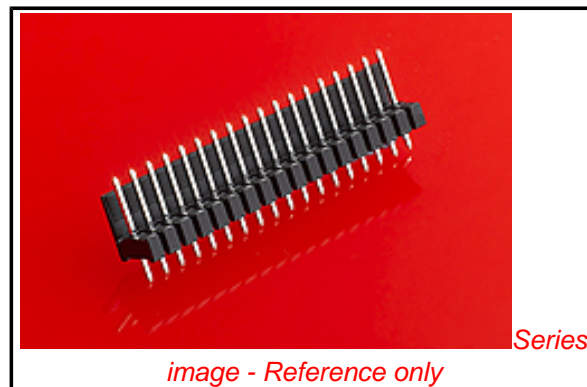
Breakaway Yes  
 Circuits (Loaded) 5  
 Circuits (maximum) 5  
 Durability (mating cycles max) 100  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Plating Mating Gold  
 Net Weight 0.658/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  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[42227Series](#)

**Mates With**

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

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	42227-0075
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**Reference - Drawing Numbers**

Product Specification	PS-10-07
Sales Drawing	SD-42227-001

This document was generated on 06/25/2013

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