

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

**Part Number:** [41671-0009](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 3.96mm Pitch KK® Header, Breakaway, Vertical, Square Pin, with Friction Lock, 10 Circuits, 0.38µm Gold (Au) Selective Plating

**Documents:**

[3D Model](#) [Product Specification PS-08-50 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

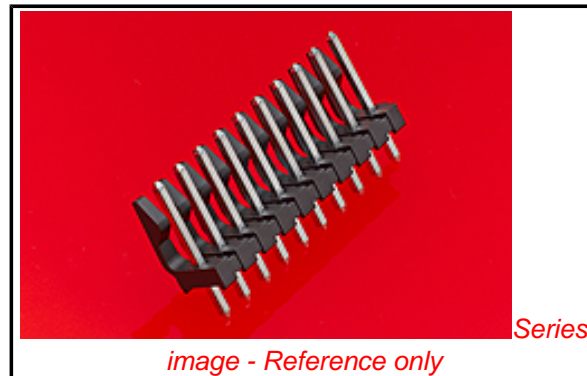
Product Family PCB Headers  
 Series [41671](#)  
 Application Power, Wire-to-Board  
 Application Tooling Part Link 11-20-0901  
 Overview [KK® Interconnection System](#)  
 Product Name KK®  
 UPC 800754832496

**Physical**

Breakaway Yes  
 Circuits (Loaded) 10  
 Circuits (maximum) 10  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Resin Polyester  
 Net Weight 3.478/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.37mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 Pitch - Mating Interface 3.96mm  
 Pitch - Termination Interface 3.96mm  
 Plating min - Mating 0.381µm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Shrouded Partial  
 Stackable No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 7A  
 Voltage - Maximum 250V



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**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**

[41671Series](#)

**Mates With**

[2139](#) KK® Crimp Housing, [41695](#) KK® Crimp Housing, [6442](#) KK® Crimp Housing, [2145](#) PCB Connector, [41815](#) PCB Connector, [3069](#) KK® Crimp Housing

**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	A-41671-C10A208
-----------------	-----------------

**Reference - Drawing Numbers**

Product Specification	PS-08-50
Sales Drawing	SD-41671-001

This document was generated on 06/27/2013

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**