

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [41671-0043](#)
Status: **Active**
Overview: [KK® Interconnect System - Molex](#)
Description: [KK® 396 Breakaway Header, Vertical, Square Pin, with Friction Lock, 21 Circuits, 0.76µm 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

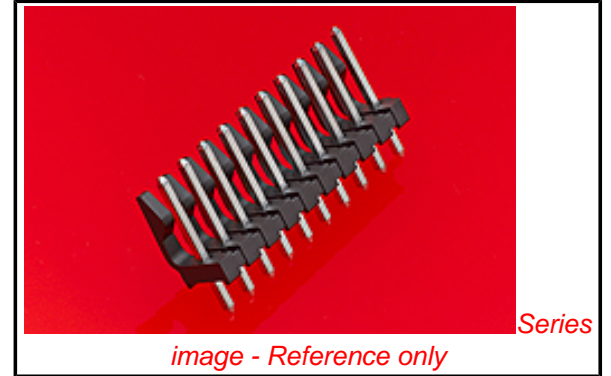
Product Family PCB Headers
 Series [41671](#)
 Application Power, Wire-to-Board
 Application Tooling Part Link [11-20-0901](#)
 Overview [KK® Interconnect System - Molex](#)
 Product Name [KK® 396](#)
 UPC [822350225397](#)

Physical

Breakaway Yes
 Circuits (Loaded) 21
 Circuits (maximum) 21
 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 7.142/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 0.762µm
 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
 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-C21A228
-----------------	-----------------

Reference - Drawing Numbers

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

This document was generated on 07/08/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION