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**Part Number:** [0010161021](#)  
**Status:** **Obsolete**  
**Overview:** [kk](#)  
**Description:** 5.08mm (.200") Pitch KK® Header, Vertical, with Square Pin, 2 Circuits

**Documents:**  
[Drawing \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [3008](#)  
 Application Board-to-Board, Power, Wire-to-Board  
 Overview [kk](#)  
 Product Name KK®

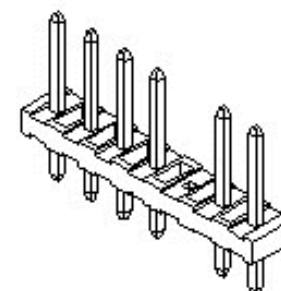
**Physical**

Breakaway No  
 Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Color - Resin Natural  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-2  
 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 Nylon  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 4.57mm (.180")  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Bag  
 Pitch - Mating Interface 5.08mm (.200")  
 Plating min - Mating 5.080µm (200µ")  
 Plating min - Termination 5.080µm (200µ")  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Shrouded No  
 Stackable Yes  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
 Compliant**

**REACH SVHC  
 Contains SVHC: No  
 Low-Halogen Status  
 Low-Halogen**

**China RoHS**



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 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

[3008Series](#)

**Mates With**

[3001](#) KK® Crimp Housing. [3002](#) KK® PC  
 Board Connector

Lead-free Process Capability

Wave Capable (TH only)

**Material Info**

Country of Origin  
Old Part Number

IE  
300802A

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-99020-0087  
SDAE-3008-N\*-\*

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