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**Part Number:** [22-11-1061](#)  
**Status:** **Active**  
**Overview:** [KK® Interconnection System](#)  
**Description:** 2.50mm Pitch KK® Wire-to-Board Header, Vertical, with Friction Ramp, 6 Circuits, Gold (Au) Plating

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-5045-003 \(PDF\)](#)  
[Product Specification PS-5045-004 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

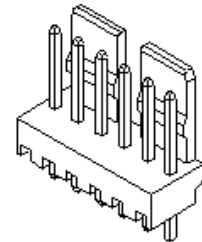
CSA LR19980  
TUV R72090224  
UL E29179

**General**

Product Family PCB Headers  
Series 5045  
Application Signal, Wire-to-Board  
Overview [KK® Interconnection System](#)  
Product Name KK®

**Physical**

Breakaway No  
Circuits (Loaded) 6  
Circuits (maximum) 6  
Color - Resin Natural  
Durability (mating cycles max) 30  
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 - Metal Brass  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Material - Resin Nylon  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 3.40mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.60mm  
Packaging Type Bag  
Pitch - Mating Interface 2.50mm  
Plating min - Mating 0.356µm  
Plating min - Termination 0.356µm  
Polarized to PCB No  
Shrouded Partial  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole



*Series  
image - Reference only*

**EU RoHS**

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

**China RoHS**



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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**

5045Series

**Mates With**

[KK® 2.50mm Housings 51191](#) , [5051](#)

**Electrical**

Current - Maximum per Contact	3A
Voltage - Maximum	250V

**Material Info**

Old Part Number	5045-06AG
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**Reference - Drawing Numbers**

Product Specification	PS-5045-003, PS-5045-004
Sales Drawing	SD-5045-NAG

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