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**Part Number:** [0683011018](#)

**Status:** **Active**

**Overview:**

**Description:** 2.54mm (.100") Pitch KK® Header, Surface Mount, Single Row, Vertical, without Shroud, 7 Circuits, with 6.10mm (.240") Mating Pin Length

**Documents:**

[3D Model](#)

[Product Specification PS-87920-019 \(PDF\)](#)

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">68301</a>
Application	Board-to-Board
Application	Wire-to-Board
Overview	KK&reg;
Product Name	KK®

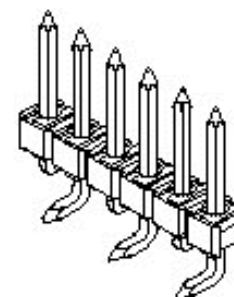
**Physical**

Breakaway	Yes
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.54
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
Polarized to Mating Part	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum	3A
Voltage - Maximum	250V

**Material Info**



Series image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



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environmental compliance?**

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

Lead-free Process      Reflow Capable (SMT  
Capability                      only)  
Process Temperature 235  
max. C

**Search Parts in this Series**

[68301](#) Series

**Mates With**

KK® Crimp Terminal Housing [2695](#) , [6471](#)  
, [7880](#). KK® PC Board Connector [4455](#) ,  
[42625](#). [7720](#) KK® IDT Double Cantilever  
Contact, [70430](#) C-Grid SL™ Single Row.  
[70107](#) SL™ Wire-to-Wire Crimp Housing.  
[7859](#) C-Grid® Shu

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-87920-019

SD-68301-001

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