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**Part Number:** [0683011037](#)  
**Status:** **Obsolete**  
**Overview:** [kk](#)  
**Description:** 2.54mm (.100") Pitch KK® Header, Surface Mount, Single Row, Vertical, without Shroud, 3 Circuits, with 8.13mm (.320") Mating Pin Length

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

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">68301</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">kk</a>
Product Name	KK®

**Physical**

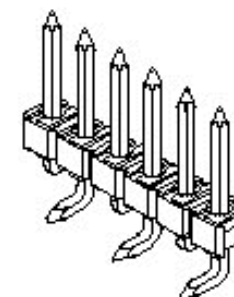
Breakaway	Yes
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	2.540µm (100µ")
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 per Contact	3A
Voltage - Maximum	250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	10
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Series

image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



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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**

[68301Series](#)

**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

Lead-free Process Capability  
Max. Cycles at Max. Process Temperature  
Process Temperature max. C

Reflow Capable (SMT only)  
3  
260

**Material Info**

This document was generated on 05/25/2011

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