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Part Number: [0683011017](#)
Status: **Obsolete**
Overview: [kk](#)
Description: 2.54mm (.100") Pitch KK® Header, Surface Mount, Single Row, Vertical, without Shroud, 6 Circuits, with 6.10mm (.240") Mating Pin Length

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	68301
Application	Board-to-Board, Signal, Wire-to-Board
Overview	kk
Product Name	KK®

Physical

Breakaway	Yes
Circuits (Loaded)	6
Circuits (maximum)	6
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	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	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	2.540µm (100µ")
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

Lead-free Process Capability	Reflow Capable (SMT only)
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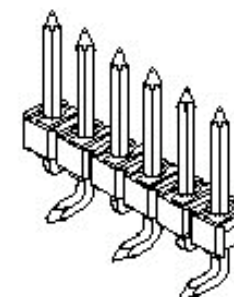


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

[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

Process Temperature max. C

235

Material Info

Reference - Drawing Numbers

Product Specification

PS-87920-019

Sales Drawing

SD-68301-001

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