



**Part Number :** [10081051](#)

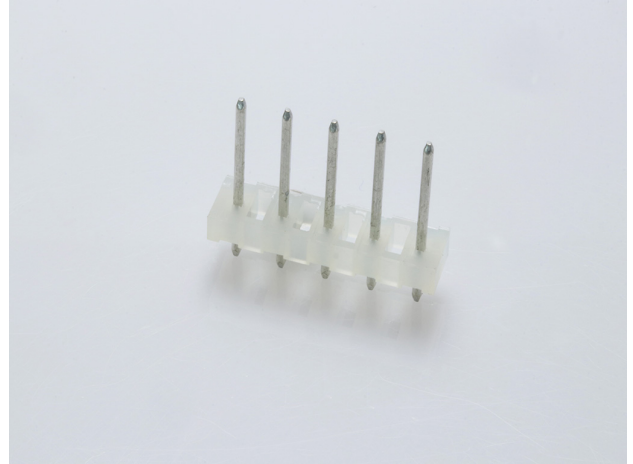
**Product Description :** KK Header, Vertical, Round Pin, 5 Circuits, Tin (Sn) Plating, Pin Length 19.05mm

**Series Number :** 3003

**Status :** Active

**Product Category :** PCB Headers and Receptacles

**Engineering Number :** 3003-05A



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## Documents & Resources

### Drawings

[010081051\\_sd.pdf](#)

[30030001-PK-000.pdf](#)

### 3D Models and Design Files

[010081051\\_stp.zip](#)

[SYM-1008-1051-001.zip](#)


### Specifications

[PS-99020-0087-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	3003
Description	KK Header, Vertical, Round Pin, 5 Circuits, Tin (Sn) Plating, Pin Length 19.05mm
Application	Board-to-Board, Power, Wire-to-Board
Component Type	PCB Header
Product Family	KK Interconnect Systems
Product Name	KK 508
UPC	800753745025

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	250V

### Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5

Color - Resin	Natural
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	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
Net Weight	1.258/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.94mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	5.08mm
Pitch - Termination Interface	5.08mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	See Product Specification
Termination Interface Style	Through Hole

### Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
KK 5.08mm Pitch Single Row Crimp Housings	<u>3001</u>
KK 5.08mm Pitch PC Board Connectors	<u>3002</u>

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This document was generated on Oct 03, 2024