

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0010081029](#)  
**Status:** **Active**  
**Overview:** [KK 508 Connector System](#)  
**Description:** KK Header, Vertical, Round Pin, 2 Circuits, Tin (Sn) Plating, Pin Length 20.32mm

**Documents:**

[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-1008-1021 \(PDF\)](#)  
[Product Specification PS-99020-0087-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 30030001-PK-000 \(PDF\)](#)

**Agency Certification**

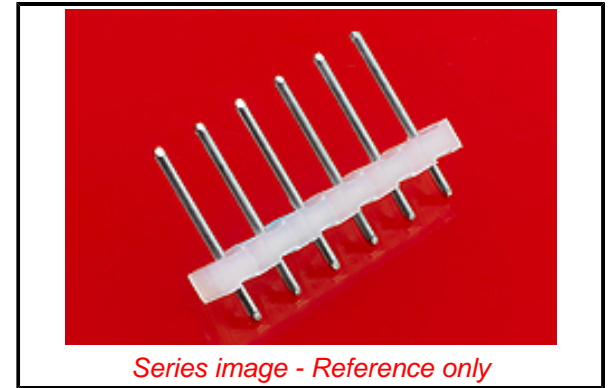
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [3003](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Overview [KK 508 Connector System](#)  
 Product Name KK 508  
 UPC 800753744936

**Physical**

Breakaway No  
 Circuits (Loaded) 2  
 Circuits (maximum) 2  
 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  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.63mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Bag  
 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  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating See Product Specification  
 Termination Interface: Style Through Hole



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[3003 Series](#)

**Mates With**

KK Crimp Housing [3001](#) <br>KK PCB Receptacle [3002](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

4.5A  
250V

**Material Info**

Engineering Number

300302I

**Reference - Drawing Numbers**

Packaging Specification

30030001-PK-000

Product Specification

PS-99020-0087-001

Sales Drawing

SDAE-3003-NX

Symbol/Footprint Data

SYM-1008-1021

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