

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0010081091](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, Round Pin, 9 Circuits, Tin (Sn) Plating, Pin Length 19.05mm

Documents:
[3D Model](#) [Packaging Specification 30030001-PK-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-1008-1091 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0087-001 \(PDF\)](#)

Agency Certification

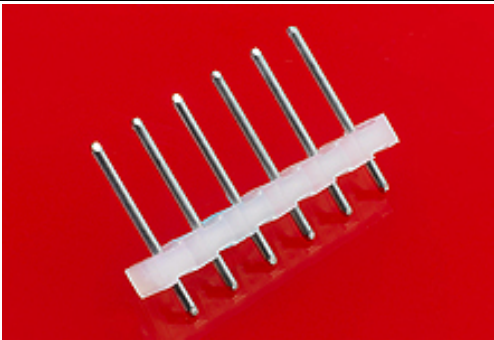
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [3003](#)
Application Board-to-Board, Power, Wire-to-Board
Overview [KK 508 Connector System](#)
Product Name KK 508
UPC 800753744783

Physical

Breakaway No
Circuits (Loaded) 9
Circuits (maximum) 9
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 2.211/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.94mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[3003](#) Series

Mates With

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

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	7.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Engineering Number	3003-09A
Reference - Drawing Numbers	
Packaging Specification	30030001-PK-000
Product Specification	PS-99020-0087-001
Sales Drawing	SDAE-3003-NX
Symbol/Footprint Data	SYM-1008-1091

This document was generated on 07/29/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION