

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)

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)

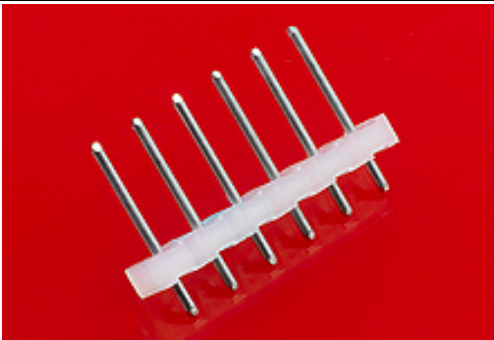
No

Temperature Range - Operating

See Product Specification

Termination Interface: Style

Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

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-N*

This document was generated on 11/27/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

10-08-1091