

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0010081021

Status:

Active

Overview:

KK 508 Connector System

Description:

KK Header, Vertical, Round Pin, 2 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

3D Viewer

Yes

Application

Board-to-Board, Power, Wire-to-Board

CURRENT-MAX-NUMERIC

7.0

Overview

KK 508 Connector System

PITCH-MATING-NUMERIC

5.08

Product Name

KK 508

UPC

800753744912

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

Net Weight

0.493/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

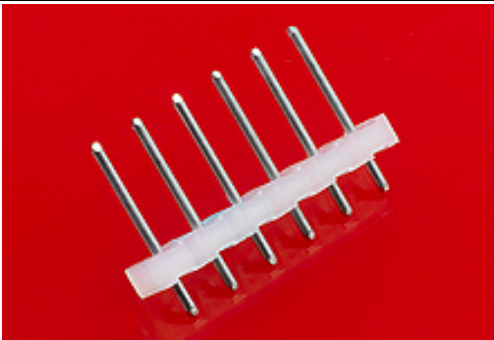
No

Shrouded

No

Stackable

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	See Product Specification
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	3003-02A
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

This document was generated on 10/11/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[10-08-1021](#)