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Part Number: [0038006865](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, Round Pin, 4 Circuits, Tin (Sn) Plating, Pin Length 39.68mm, Circuit 2 Voided

Documents:

[Drawing \(PDF\)](#)
[Product Specification PS-99020-0087-001 \(PDF\)](#)
[Packaging Specification 30030001-PK-000 \(PDF\)](#)
[Symbol Footprint Data SYM-1008-1041-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

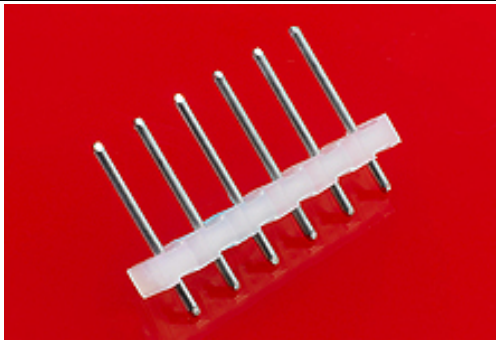
CSA LR19980
UL E29179

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 800753729407

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 4
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 1.004/g
Number of Rows 1
Orientation Vertical
PC Tail Length 2.87mm, 3.94mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.00mm, 5.08mm
Pitch - Termination Interface 5.08mm
Plating min - Mating 2.500µm, 5.080µm
Plating min - Termination 0.762µm, 2.500µm
Polarized to Mating Part No
Polarized to PCB No, Yes
Shrouded No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40° to +105°C, See Product Specification



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Relevant

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	4.5A
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	300304A02
Reference - Drawing Numbers	
Packaging Specification	30030001-PK-000
Product Specification	PS-99020-0087-001
Sales Drawing	SDAE-3003-NX-001
Symbol/Footprint Data	SYM-1008-1041-001

This document was generated on 09/13/2021

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