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Part Number: [0038004903](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, with Polarizing Backwall, 4 Circuits, Tin (Sn) Plating, Circuits 2,3 Voided

Documents:

[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-1008-5041-001 \(PDF\)](#)
[Product Specification PS-99020-0087-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-2599-0001-000 \(PDF\)](#)

Agency Certification

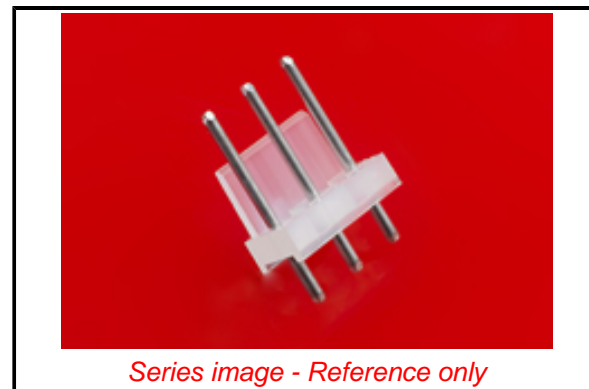
UL E29179

General

Product Family PCB Headers
Series [2599](#)
Application Signal, Wire-to-Board
Overview [KK 508 Connector System](#)
Product Name KK 508
UPC 800753730281

Physical

Breakaway No
Circuits (Loaded) 2
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 0.721/g
Number of Rows 1
Orientation Vertical
PC Tail Length 4.45mm
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 Yes
Polarized to PCB No
Shrouded Partial
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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[2599 Series](#)

Mates With

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

Electrical

Current - Maximum per Contact	4.5A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Engineering Number	2599M04A23
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Reference - Drawing Numbers

Packaging Specification	PK-2599-0001-000
Product Specification	PS-99020-0087-001
Symbol/Footprint Data	SYM-1008-5041-001

This document was generated on 09/14/2021

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