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Part Number: [0038007093](#)
Status: **Active**
Overview: [KK 508 Connector System](#)
Description: KK Header, Vertical, with Polarizing Backwall, 5 Circuits, Tin (Sn) Plating, Circuit 3 Voided

Documents:

[Drawing \(PDF\)](#) [Symbol Footprint Data SYM-1008-5051-001 \(PDF\)](#)
[Product Specification PS-99020-0087-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-2599-0001-000 \(PDF\)](#)

Agency Certification

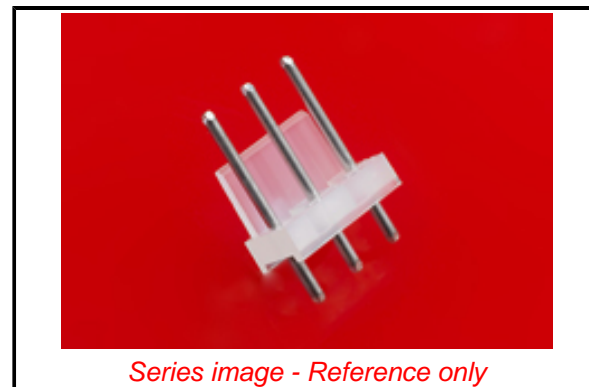
UL E29179

General

Product Family PCB Headers
 Series [2599](#)
 Application Signal, Wire-to-Board
 Overview [KK 508 Connector System](#)
 Product Name KK 508
 UPC 800753729223

Physical

Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 5
 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 1.171/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 | 2599M05A03 |
|--------------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|-------------------|
| Packaging Specification | PK-2599-0001-000 |
| Product Specification | PS-99020-0087-001 |
| Symbol/Footprint Data | SYM-1008-5051-001 |

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