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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) |
| 3D Model (PDF) | Symbol Footprint Data SYM-1008-1021-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-99020-0087-001 (PDF) | |

Agency Certification

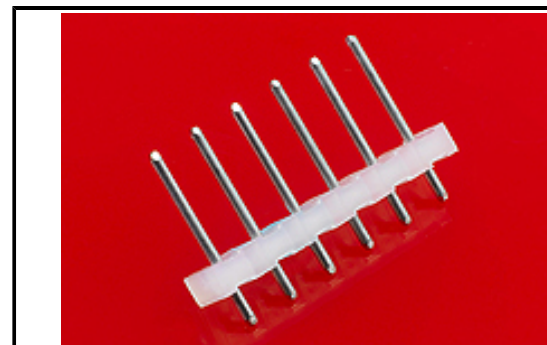
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

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 | 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 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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 7.0A
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 3003-02A

Reference - Drawing Numbers

Packaging Specification 30030001-PK-000
Product Specification PS-99020-0087-001
Sales Drawing SDAE-3003-NX-001
Symbol/Footprint Data SYM-1008-1021-001

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