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Part Number:

0010081121

Status:

Active

Overview:

KK 508 Connector System

Description:

KK Header, Vertical, Round Pin, 12 Circuits, Tin (Sn) Plating, Pin Length 19.05mm

Documents:

Drawing (PDF)

3D Model (PDF)

3D Model

Product Specification PS-99020-0087-001 (PDF)

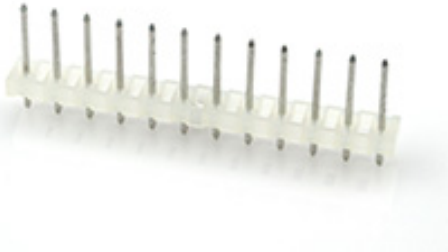
Packaging Specification 30030001-PK-000 (PDF)

Symbol Footprint Data SYM-1008-1121-001 (PDF)

RoHS Certificate of Compliance (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                               |
| Taxonomy             | PCB Headers and Receptacles          |
| UPC                  | 800753744837                         |

| Physical                       |          |
|--------------------------------|----------|
| Breakaway                      | No       |
| Circuits (Loaded)              | 12       |
| Circuits (maximum)             | 12       |
| 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                     | 2.989/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       |



Series image - Reference only

|                                                                                                                                                                                                  |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <div><div>EU ELV</div><div>Not Relevant</div></div>                                                                                                                                              |                                             |
| <div><div>EU RoHS</div><div>Compliant</div><div>REACH SVHC</div><div>Not Contained Per - D(2022)4187-DC (10 June 2022)</div><div>Halogen-Free</div><div>Status</div><div>Low-Halogen</div></div> | <div><div>China RoHS</div><div></div></div> |
| For more information, please visit <a href="#">Contact US</a>                                                                                                                                    |                                             |
| China ROHS                                                                                                                                                                                       | Green Image                                 |
| ELV                                                                                                                                                                                              | Not Relevant                                |
| RoHS Phthalates                                                                                                                                                                                  | Not Contained                               |

Search Parts in this Series

3003 Series

Mates With

KK Crimp Housing 3001 <br>KK PCB Receptacle 3002

|                                                |                           |
|------------------------------------------------|---------------------------|
| Temperature Range - Operating                  | See Product Specification |
| Termination Interface: Style                   | Through Hole              |
| <b>Electrical</b>                              |                           |
| Current - Maximum per Contact                  | 7.0A                      |
| Voltage - Maximum                              | 250V                      |
| <b>Solder Process Data</b>                     |                           |
| Duration at Max. Process Temperature (seconds) | 005                       |
| Lead-freeProcess Capability                    | WAVE                      |
| Max. Cycles at Max. Process Temperature        | 001                       |
| Process Temperature max. C                     | 235                       |
| <b>Material Info</b>                           |                           |
| Engineering Number                             | 3003-12A                  |
| <b>Reference - Drawing Numbers</b>             |                           |
| Packaging Specification                        | 30030001-PK-000           |
| Product Specification                          | PS-99020-0087-001         |
| Sales Drawing                                  | SDAE-3003-NX-001          |
| Symbol/Footprint Data                          | SYM-1008-1121-001         |

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