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Part Number:

0010101081

Status:

Active

Overview:

KK 508 Connector System

Description:

KK PC Board Connector, Right-Angle Mount Style A, 1.00µm Tin (Sn), 8 Circuits

Documents:

3D Model

Drawing (PDF)

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

Packaging Specification 30020001-PK-000 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

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

General

|                |                         |
|----------------|-------------------------|
| Product Family | PCB Receptacles         |
| Series         | 3002                    |
| Application    | Board-to-Board, Power   |
| Overview       | KK 508 Connector System |
| Product Name   | KK 508                  |
| UPC            | 800753744028            |

Physical

|                                |                           |
|--------------------------------|---------------------------|
| Circuits (Loaded)              | 8                         |
| Circuits (maximum)             | 8                         |
| Color - Resin                  | Natural                   |
| Durability (mating cycles max) | 25                        |
| Flammability                   | 94V-2                     |
| Glow-Wire Capable              | No                        |
| Material - Metal               | Phosphor Bronze           |
| Material - Plating Mating      | Tin                       |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Nylon                     |
| Net Weight                     | 2.522/g                   |
| Number of Rows                 | 1                         |
| Orientation                    | Right Angle               |
| PC Tail Length                 | 4.30mm                    |
| PCB Locator                    | No                        |
| PCB Retention                  | Yes                       |
| PCB Thickness - Recommended    | 1.60mm                    |
| Packaging Type                 | Tray                      |
| Pitch - Mating Interface       | 5.08mm                    |
| Pitch - Termination Interface  | 5.08mm                    |
| Plating min - Mating           | 1.016µm                   |
| Plating min - Termination      | 1.016µm                   |
| Polarized to PCB               | Yes                       |
| Temperature Range - Operating  | See Product Specification |
| Termination Interface: Style   | Through Hole              |

Electrical

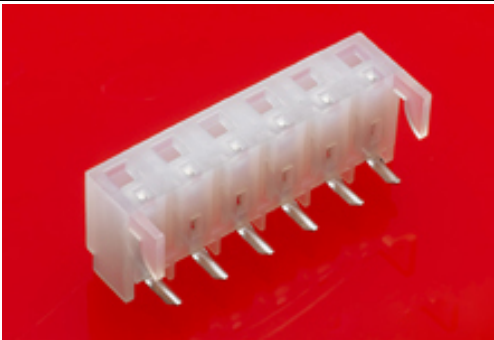
|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 7.0A |
| Voltage - Maximum             | 250V |

Solder Process Data

|                             |      |
|-----------------------------|------|
| Lead-freeProcess Capability | WAVE |
|-----------------------------|------|

Material Info

|                    |         |
|--------------------|---------|
| Engineering Number | 300208A |
|--------------------|---------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/71/2019 (16 July  
2019)

Halogen-Free

Status

Low-Halogen

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

3002 Series

Mates With

Headers [3003](#) , [2599](#) , [3061](#)

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | 30020001-PK-000   |
| Product Specification   | PS-99020-0087-001 |
| Sales Drawing           | SDAE-3002-NA-X    |
| Symbol/Footprint Data   | SYM-1010-1081     |

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