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**Part Number:** [0010021062](#)  
**Status:** **Active**  
**Overview:** [KK@ 508 Connector System](#)  
**Description:** [KK@ PC Board Connector, Bottom Entry Mount Style B, 1.00µm Tin \(Sn\), 6 Circuits](#)

**Documents:**

[3D Model](#) [Packaging Specification PK-3002-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0087-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [3002](#)  
 Application Board-to-Board, Power  
 Overview [KK@ 508 Connector System](#)  
 Product Name KK@ 508  
 UPC 800753745346

**Physical**

Circuits (Loaded) 6  
 Circuits (maximum) 6  
 Color - Resin Natural  
 Durability (mating cycles max) 25  
 Flammability 94V-2  
 Glow-Wire Compliant No  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1.498/g  
 Number of Rows 1  
 Orientation Bottom Entry  
 PC Tail Length 4.10mm  
 PCB Locator No  
 PCB Retention None  
 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 No  
 Temperature Range - Operating See Product Specification  
 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 260



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2017 (12  
 January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[3002 Series](#)

**Mates With**

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

**Material Info**

Engineering Number

300206B

**Reference - Drawing Numbers**

Packaging Specification

PK-3002-002

Product Specification

PS-99020-0087-001

Sales Drawing

SDAE-3002-NB

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